

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101723\
 Data File : VW032446.D
 Acq On : 17 Oct 2023 15:29
 Operator : SY/MD
 Sample : 04903-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 18 06:05:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 18 06:02:40 2023
 Response via : Initial Calibration

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

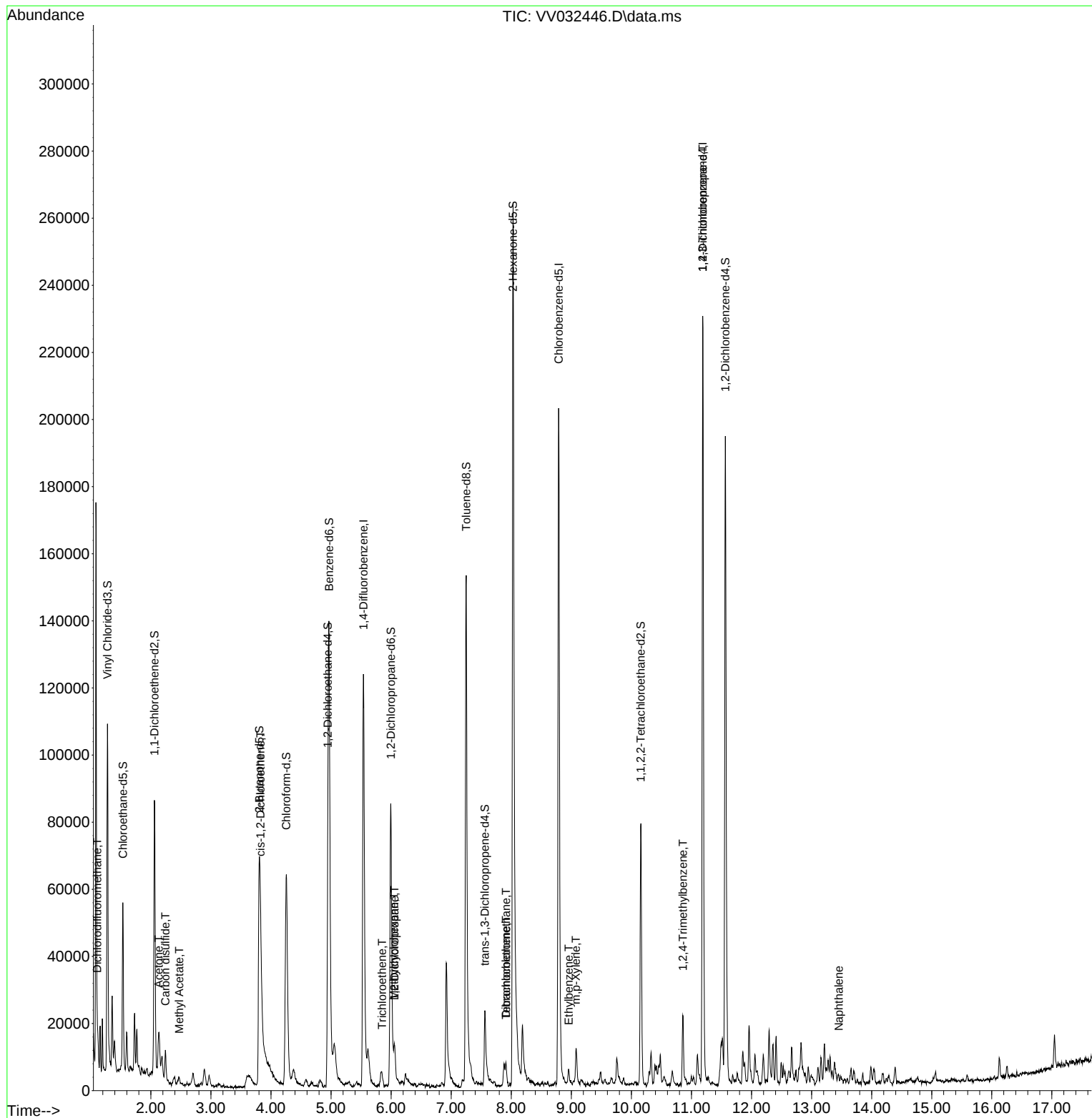
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	107799	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	118287	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	58254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33968	3.874	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.535	69	31940	4.488	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.060	65	13978	3.780	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	3.805	46	120199	54.197	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.400%
24) Chloroform-d	4.256	84	68606	4.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	4.947	65	34206	4.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	4.966	84	123992	3.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.200%
36) 1,2-Dichloropropane-d6	5.995	67	43098	3.737	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.800%
41) Toluene-d8	7.249	98	109412	3.438	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.800%#
43) trans-1,3-Dichloroprop...	7.561	79	15430	3.776	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.030	63	99253	51.622	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.240%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	39603	4.910	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	46545	4.306	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	1399	0.116	ug/L	90
13) Acetone	2.133	43	18490	10.817	ug/L	98
14) Carbon disulfide	2.243	76	10142	0.367	ug/L	99
15) Methyl Acetate	2.474	43	1180	0.307	ug/L #	53
22) cis-1,2-Dichloroethene	3.825	96	2823	0.290	ug/L	91
34) Trichloroethene	5.850	95	967	0.085	ug/L	94
35) Methylcyclohexane	6.050	83	2228	0.127	ug/L #	38
37) 1,2-Dichloropropane	6.056	63	698	0.063	ug/L #	87
47) Tetrachloroethene	7.915	164	1424	0.165	ug/L	92
49) Dibromochloromethane	7.911	129	1509	0.184	ug/L #	8
52) Ethylbenzene	8.956	91	2722	0.055	ug/L	99
53) m,p-Xylene	9.079	106	3543	0.193	ug/L	90
61) 1,2,3-Trichloropropane	11.188	75	7595	1.225	ug/L #	67
63) 1,2,4-Trimethylbenzene	10.857	105	10956	0.298	ug/L	97
71) Naphthalene	13.455	128	1927	0.081	ug/L	95

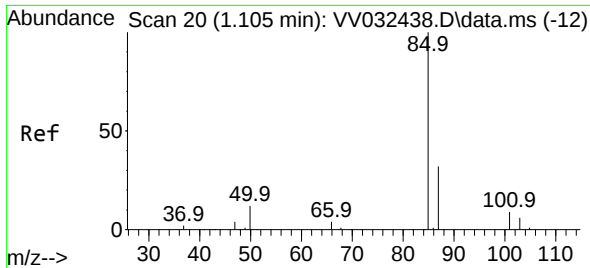
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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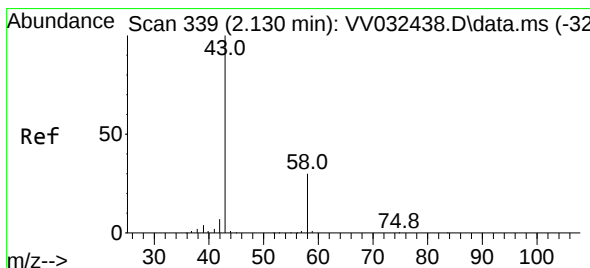
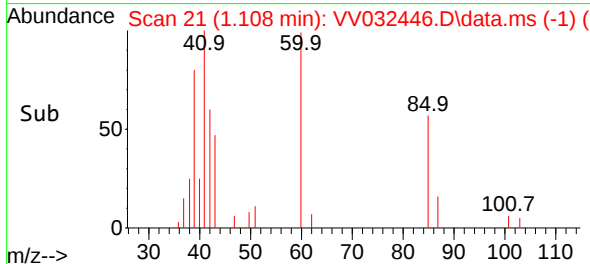
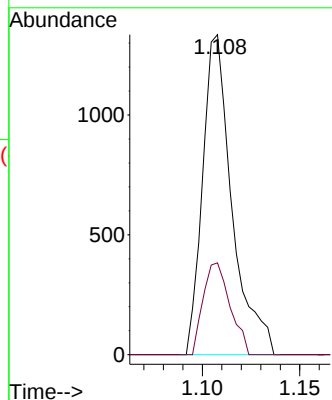
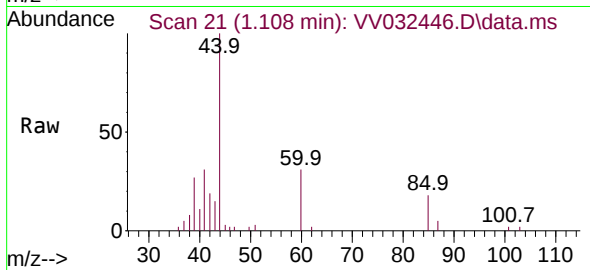




#2
 Dichlorodifluoromethane
 Concen: 0.116 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV032446.D
 Acq: 17 Oct 2023 15:29

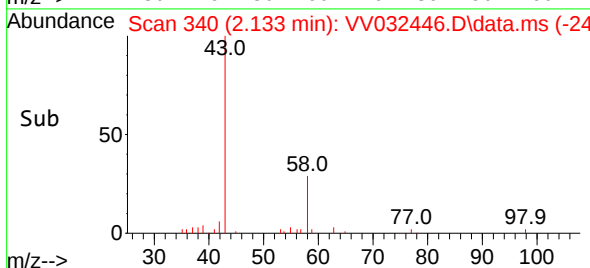
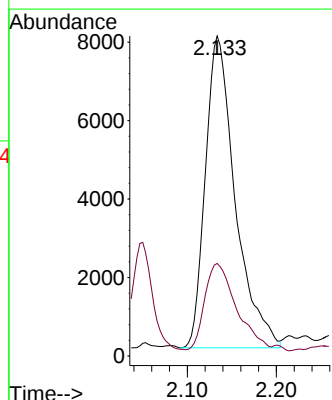
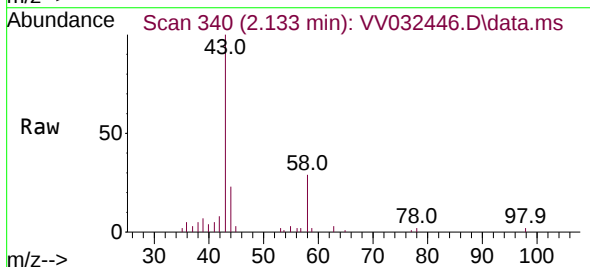
Instrument :
 MSVOA_V
 ClientSampleId :

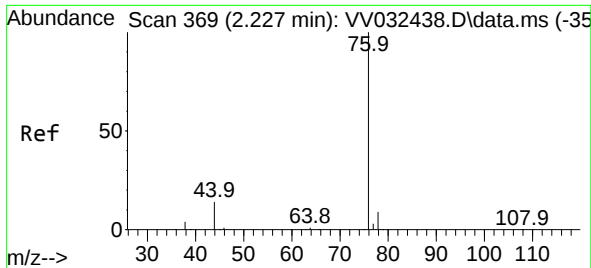
Tgt Ion: 85 Resp: 1399
 Ion Ratio Lower Upper
 85 100
 87 26.2 25.5 38.3



#13
 Acetone
 Concen: 10.817 ug/L
 RT: 2.133 min Scan# 340
 Delta R.T. 0.003 min
 Lab File: VV032446.D
 Acq: 17 Oct 2023 15:29

Tgt Ion: 43 Resp: 18490
 Ion Ratio Lower Upper
 43 100
 58 34.1 0.0 66.0

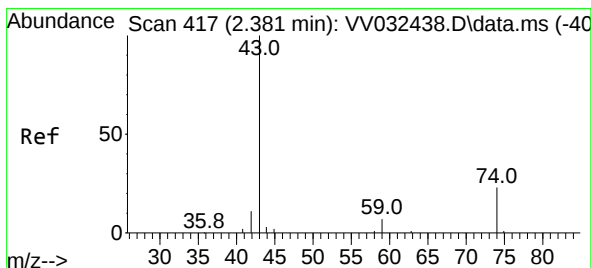
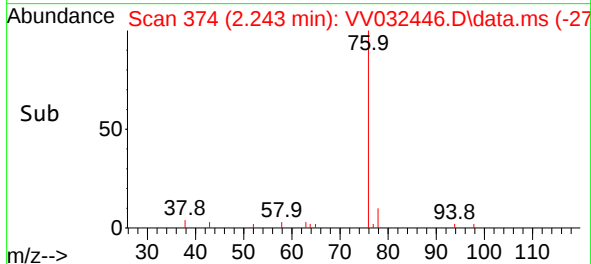
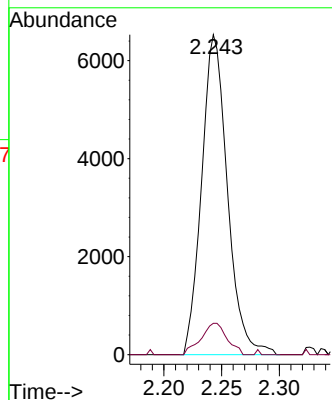
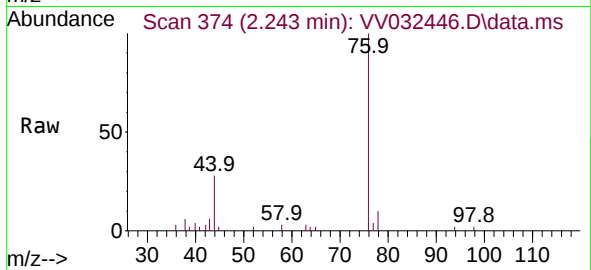




#14
Carbon disulfide
Concen: 0.367 ug/L
RT: 2.243 min Scan# 31
Delta R.T. 0.016 min
Lab File: VV032446.D
Acq: 17 Oct 2023 15:29

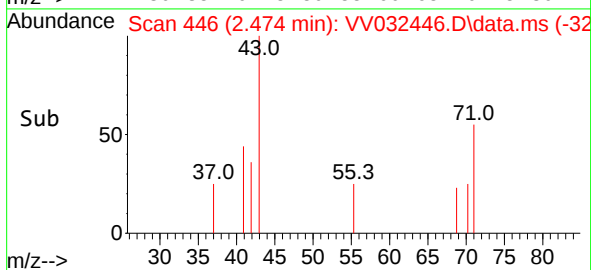
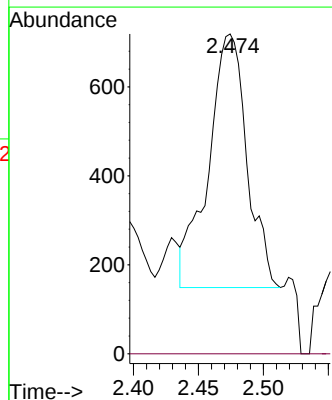
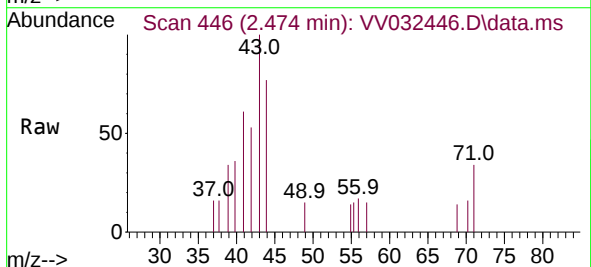
Instrument :
MSVOA_V
ClientSampleId :

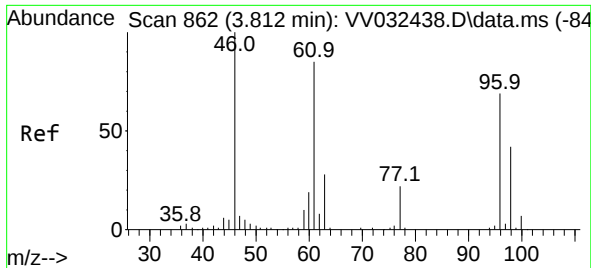
Tgt Ion: 76 Resp: 10142
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2



#15
Methyl Acetate
Concen: 0.307 ug/L
RT: 2.474 min Scan# 446
Delta R.T. 0.093 min
Lab File: VV032446.D
Acq: 17 Oct 2023 15:29

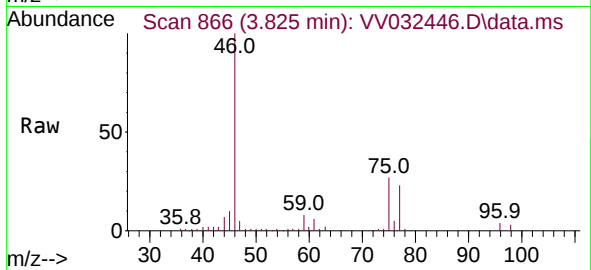
Tgt Ion: 43 Resp: 1180
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#





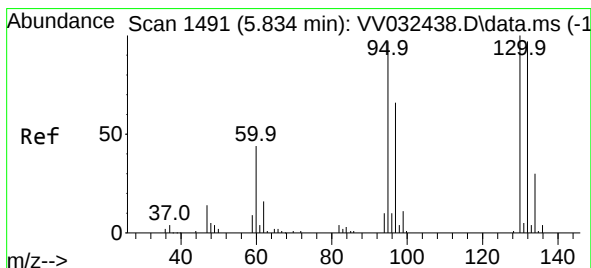
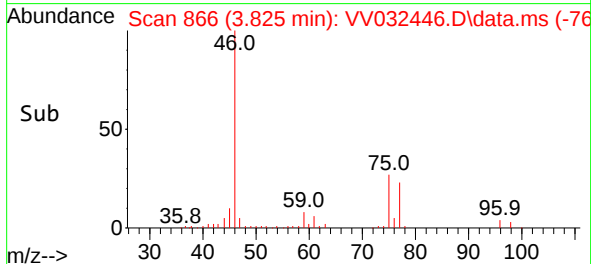
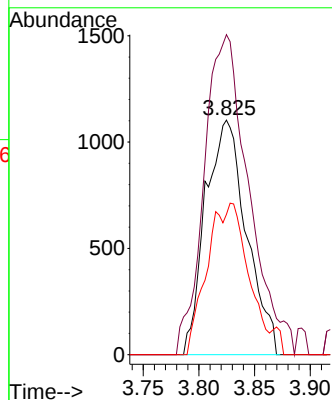
#22
 cis-1,2-Dichloroethene
 Concen: 0.290 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. 0.013 min
 Lab File: VV032446.D
 Acq: 17 Oct 2023 15:29

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 2823

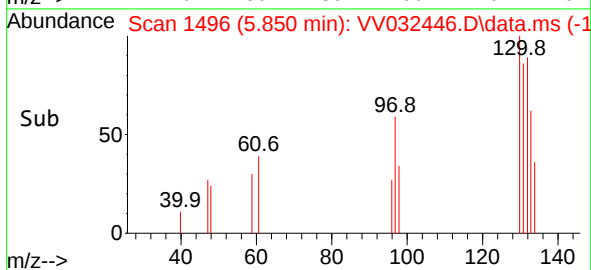
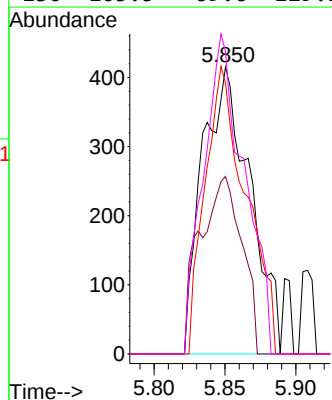
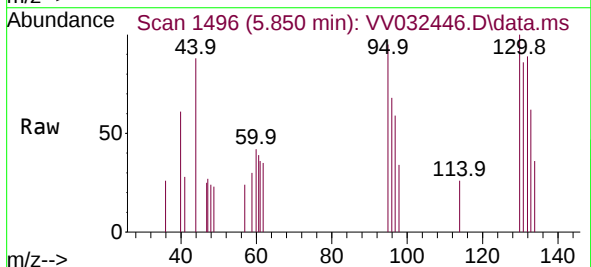
Ion	Ratio	Lower	Upper
96	100		
61	136.4	85.8	159.4
98	59.8	44.0	81.6

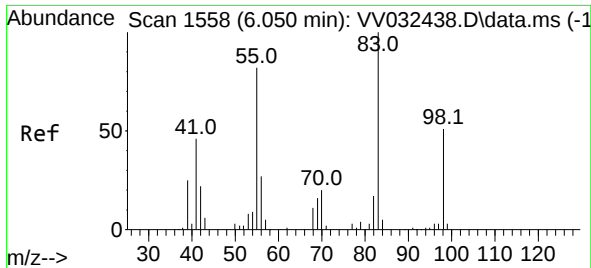


#34
 Trichloroethene
 Concen: 0.085 ug/L
 RT: 5.850 min Scan# 1496
 Delta R.T. 0.016 min
 Lab File: VV032446.D
 Acq: 17 Oct 2023 15:29

Tgt Ion: 95 Resp: 967

Ion	Ratio	Lower	Upper
95	100		
97	61.9	45.7	84.9
132	94.5	70.3	130.5
130	105.5	69.6	129.2





#35

Methylcyclohexane

Concen: 0.127 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV032446.D

Acq: 17 Oct 2023 15:29

Instrument :

MSVOA_V

ClientSampleId :

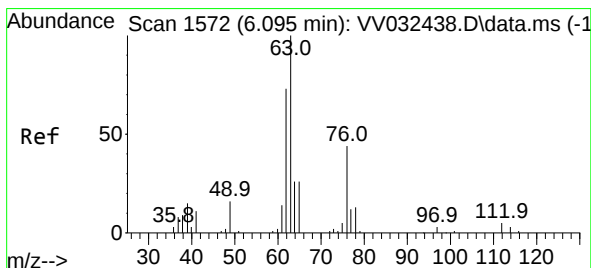
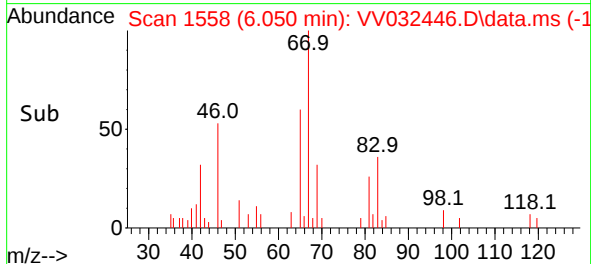
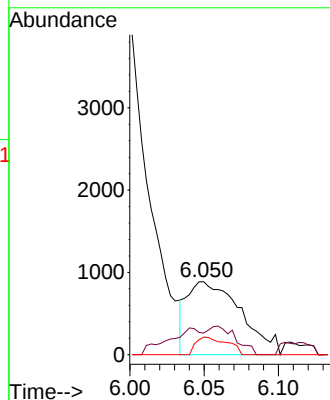
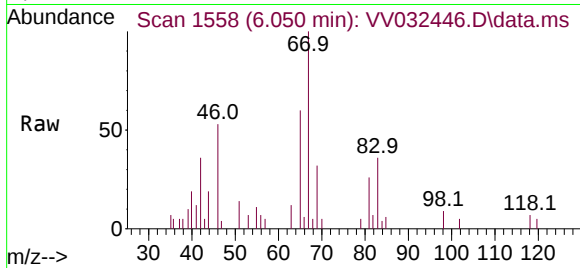
Tgt Ion: 83 Resp: 2228

Ion Ratio Lower Upper

83 100

55 20.2 64.2 96.2#

98 14.0 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.063 ug/L

RT: 6.056 min Scan# 1560

Delta R.T. -0.039 min

Lab File: VV032446.D

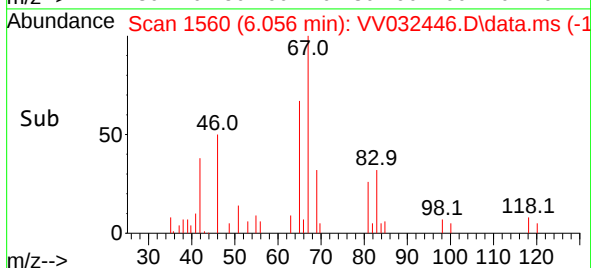
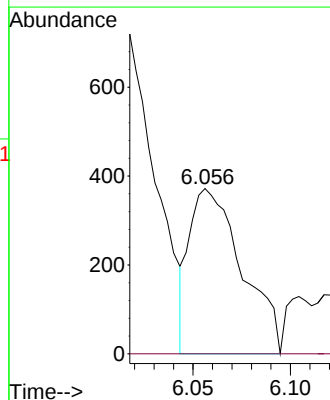
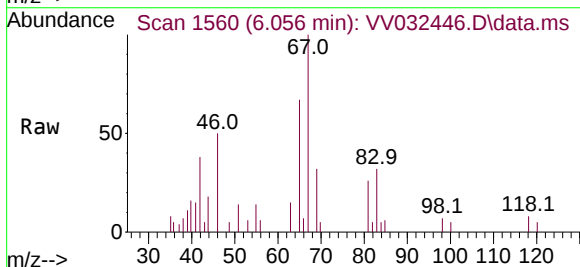
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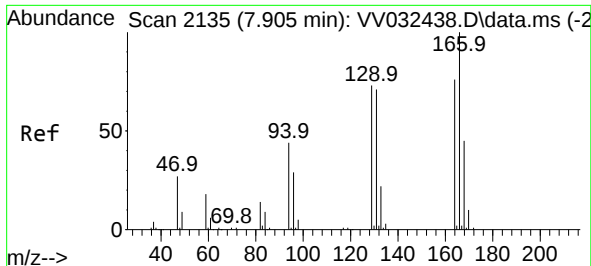
Tgt Ion: 63 Resp: 698

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#47

Tetrachloroethene

Concen: 0.165 ug/L

RT: 7.915 min Scan# 2137

Delta R.T. 0.010 min

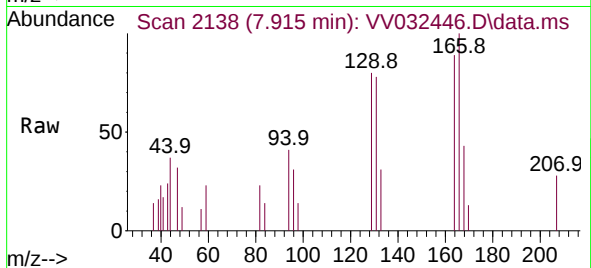
Lab File: VV032446.D

Acq: 17 Oct 2023 15:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 1424

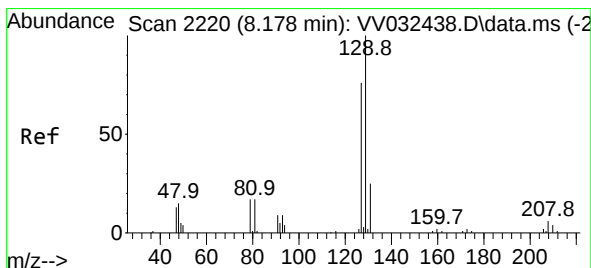
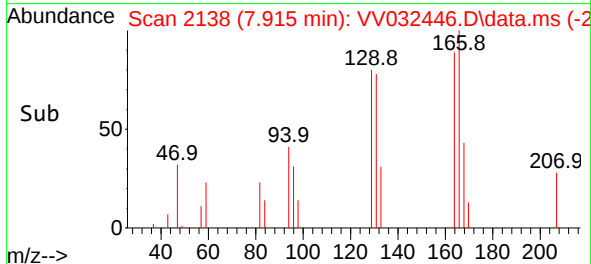
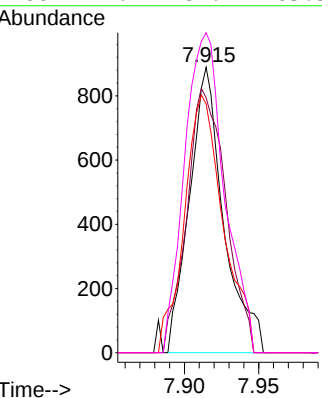
Ion Ratio Lower Upper

164 100

129 89.3 66.4 123.4

131 87.2 63.7 118.3

166 112.1 87.9 163.3



#49

Dibromochloromethane

Concen: 0.184 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.267 min

Lab File: VV032446.D

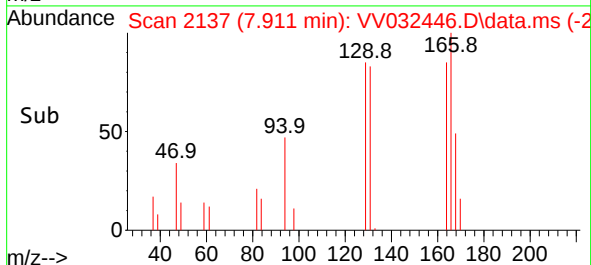
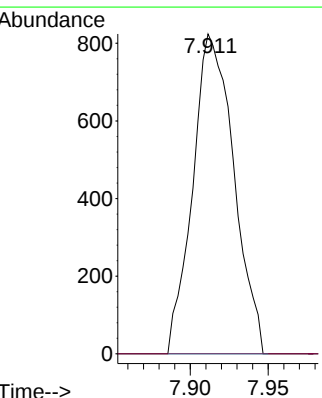
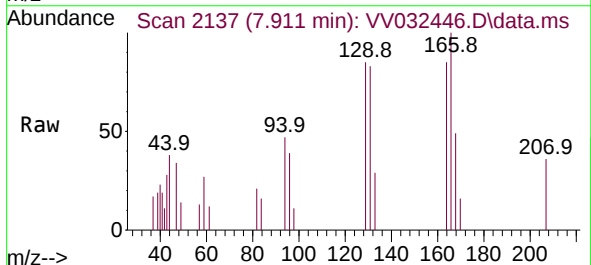
Acq: 17 Oct 2023 15:29

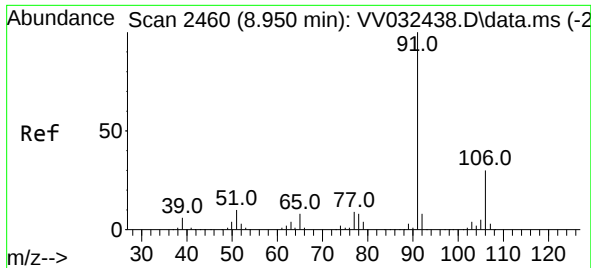
Tgt Ion:129 Resp: 1509

Ion Ratio Lower Upper

129 100

127 0.0 57.2 106.2#





#52

Ethylbenzene

Concen: 0.055 ug/L

RT: 8.956 min Scan# 24

Delta R.T. 0.006 min

Lab File: VV032446.D

Acq: 17 Oct 2023 15:29

Instrument :

MSVOA_V

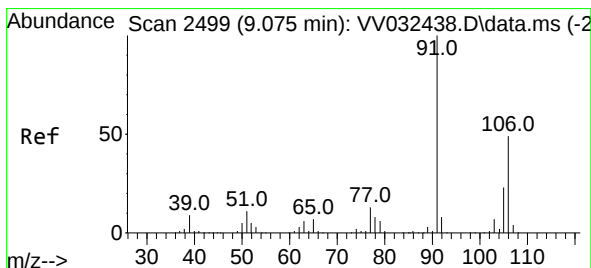
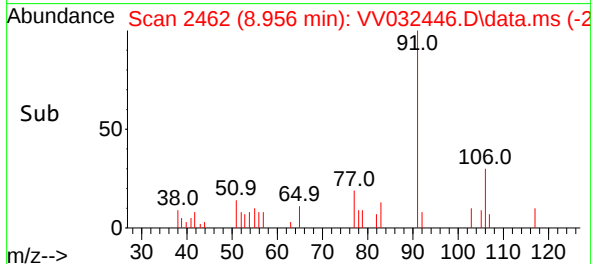
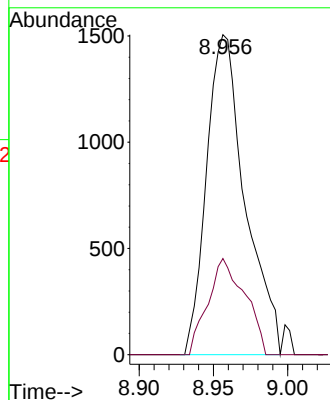
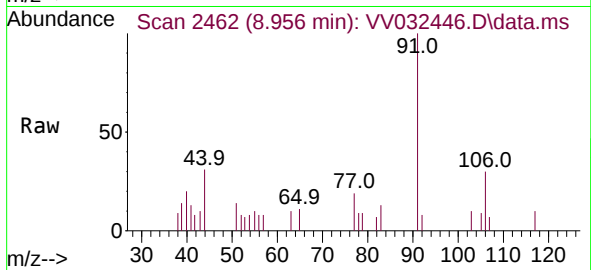
ClientSampleId :

Tgt Ion: 91 Resp: 2722

Ion Ratio Lower Upper

91 100

106 30.1 21.3 39.5



#53

m,p-Xylene

Concen: 0.193 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. 0.003 min

Lab File: VV032446.D

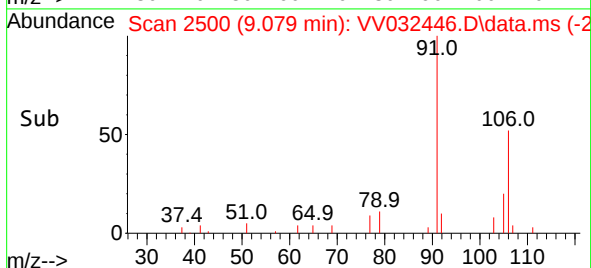
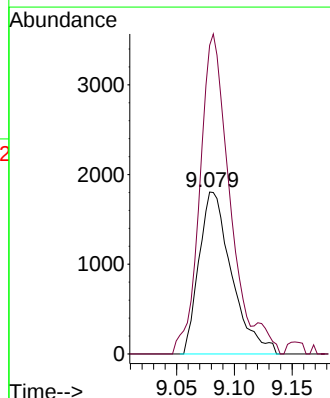
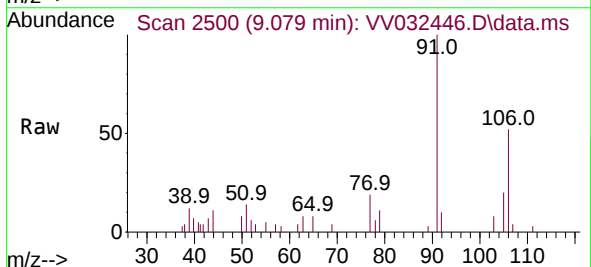
Acq: 17 Oct 2023 15:29

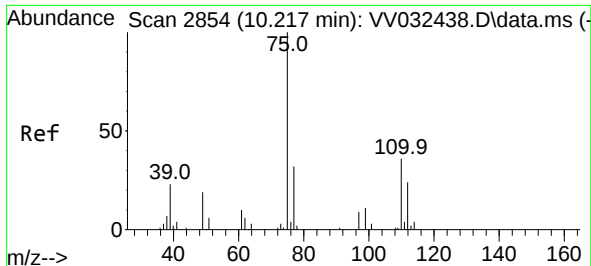
Tgt Ion:106 Resp: 3543

Ion Ratio Lower Upper

106 100

91 190.6 144.5 268.3





#61

1,2,3-Trichloropropane

Concen: 1.225 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.971 min

Lab File: VV032446.D

Acq: 17 Oct 2023 15:29

Instrument :

MSVOA_V

ClientSampleId :

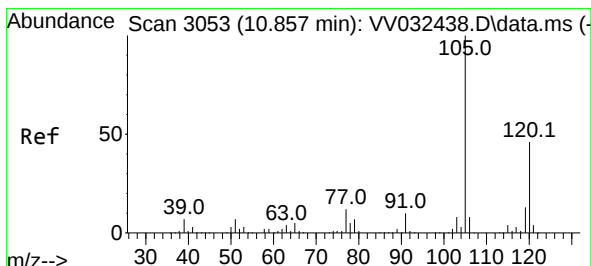
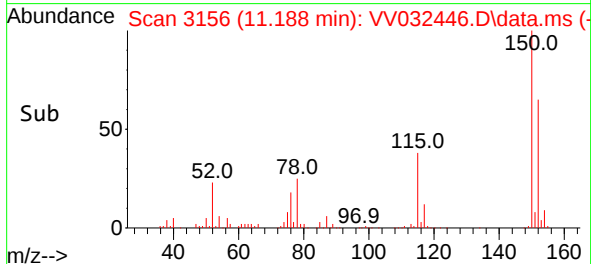
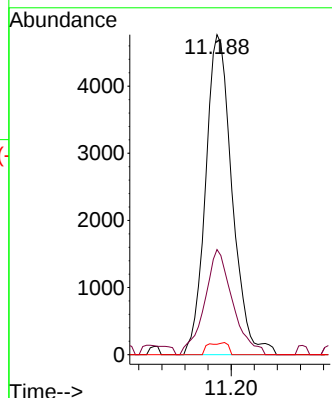
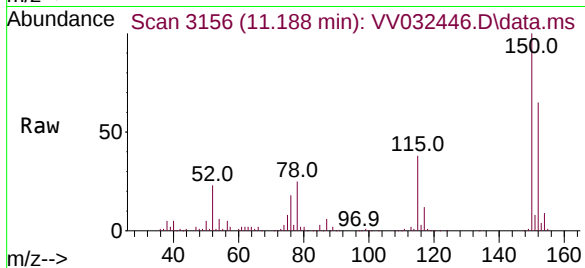
Tgt Ion: 75 Resp: 7595

Ion Ratio Lower Upper

75 100

77 34.6 26.2 39.2

110 2.8 30.6 46.0#



#63

1,2,4-Trimethylbenzene

Concen: 0.298 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. -0.000 min

Lab File: VV032446.D

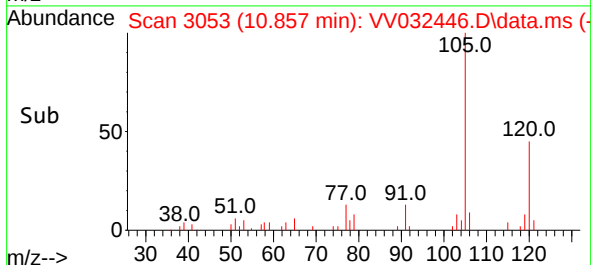
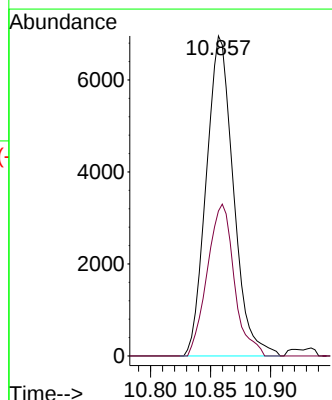
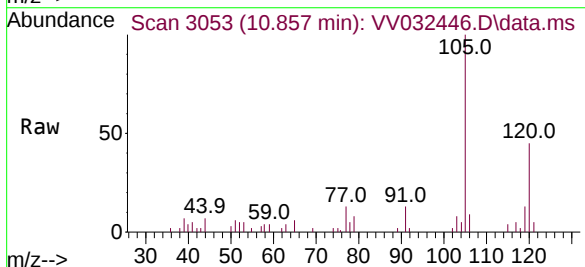
Acq: 17 Oct 2023 15:29

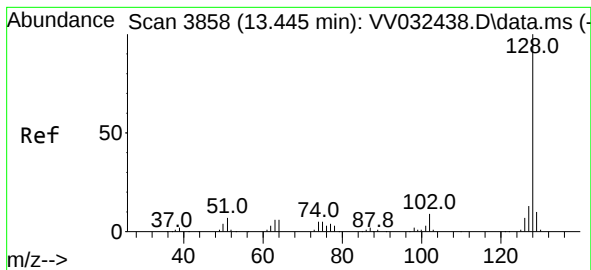
Tgt Ion: 105 Resp: 10956

Ion Ratio Lower Upper

105 100

120 47.0 36.2 54.4





#71

Naphthalene

Concen: 0.081 ug/L

RT: 13.455 min Scan# 3861

Delta R.T. 0.010 min

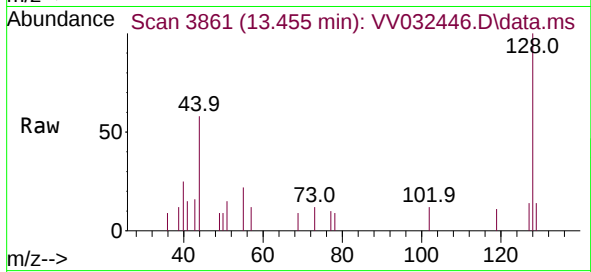
Lab File: VV032446.D

Acq: 17 Oct 2023 15:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 1927

Ion Ratio Lower Upper

128 100

129 12.7 9.0 13.4

127 10.4 10.2 15.2

