

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100523\
 Data File : VW032261.D
 Acq On : 05 Oct 2023 17:23
 Operator : SY/MD
 Sample : 04748-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX879

Quant Time: Oct 06 01:30:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 06 01:20:04 2023
 Response via : Initial Calibration

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

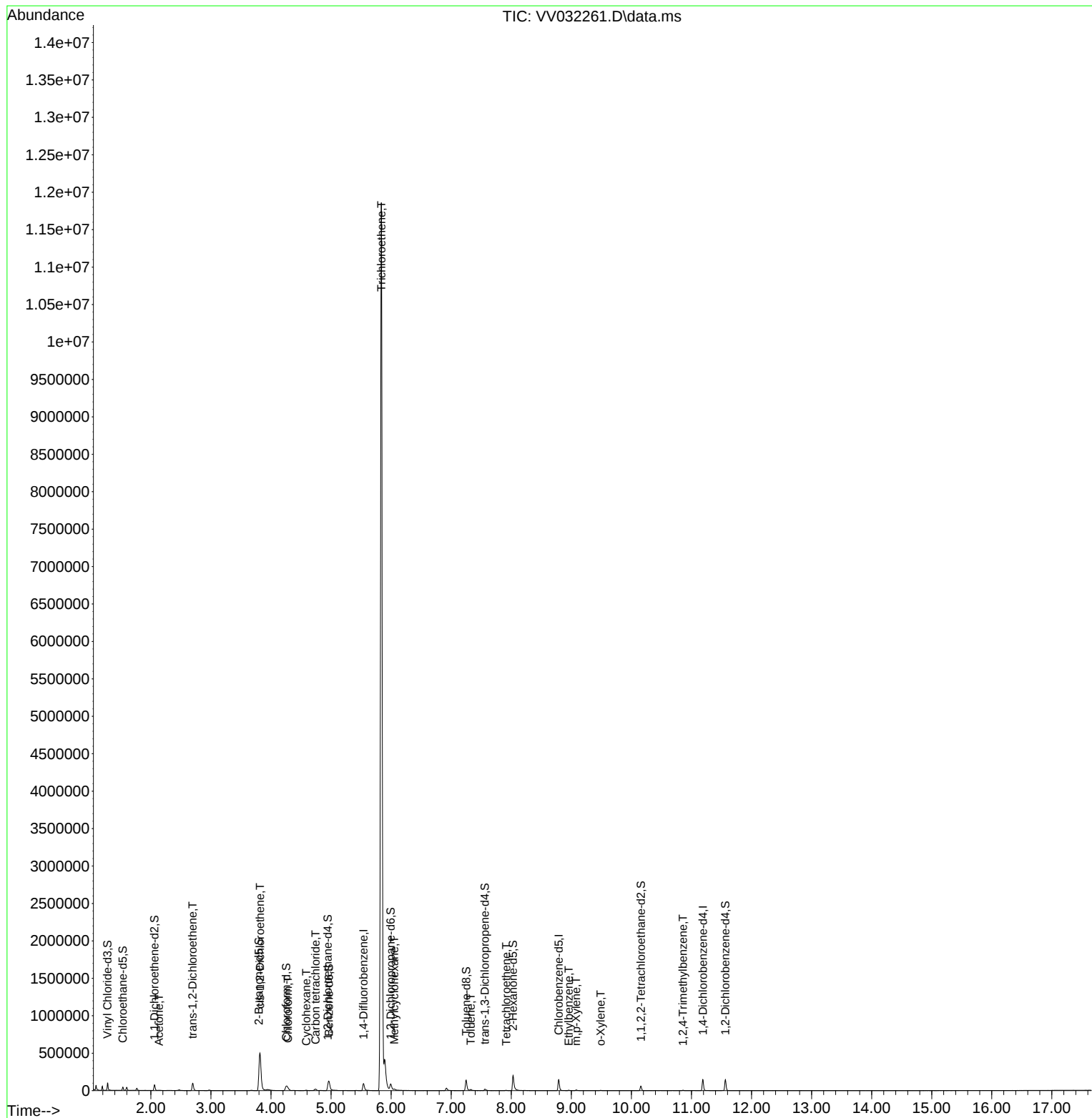
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	82984	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	83749	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	39554	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	29521	4.374	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.532	69	27887	5.090	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.060	65	12590	4.423	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	3.799	46	99841	58.480	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.960%
24) Chloroform-d	4.256	84	61876	5.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	4.947	65	31150	5.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.400%
32) Benzene-d6	4.963	84	117423	4.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	5.992	67	40121	4.914	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.249	98	100088	4.442	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.561	79	12913	4.463	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.030	63	76266	56.025	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.060%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	30941	5.418	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	37941	5.169	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						Qvalue
13) Acetone	2.137	43	2471	1.878	ug/L	88
18) trans-1,2-Dichloroethene	2.696	96	35224	5.053	ug/L	99
22) cis-1,2-Dichloroethene	3.818	96	263417	35.094	ug/L	98
25) Chloroform	4.281	83	25396	1.974	ug/L	97
30) Cyclohexane	4.587	56	2429	0.194	ug/L	98
31) Carbon tetrachloride	4.744	117	16346	1.697	ug/L	98
34) Trichloroethene	5.838	95	4082377	507.168	ug/L	97
35) Methylcyclohexane	6.053	83	4203	0.337	ug/L #	70
42) Toluene	7.326	91	11969	0.381	ug/L	96
47) Tetrachloroethene	7.918	164	1156	0.189	ug/L	93
52) Ethylbenzene	8.956	91	4397	0.126	ug/L	98
53) m,p-Xylene	9.082	106	3007	0.232	ug/L	98
54) o-Xylene	9.487	106	1143	0.091	ug/L	89
63) 1,2,4-Trimethylbenzene	10.860	105	3458	0.139	ug/L	93

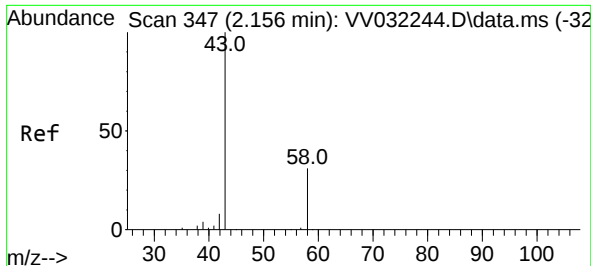
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 06 01:20:04 2023
Response via : Initial Calibration





#13

Acetone

Concen: 1.878 ug/L

RT: 2.137 min Scan# 34

Delta R.T. -0.019 min

Lab File: VV032261.D

Acq: 05 Oct 2023 17:23

Instrument :

MSVOA_V

ClientSampleId :

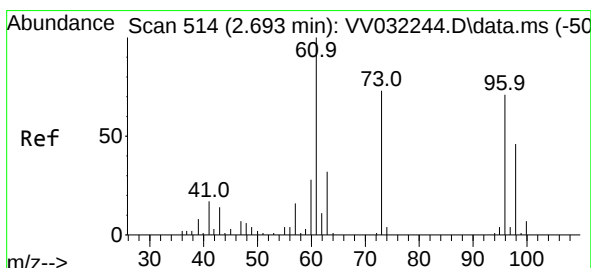
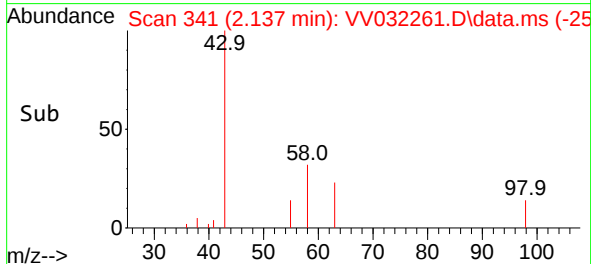
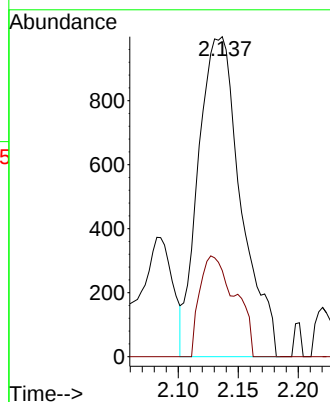
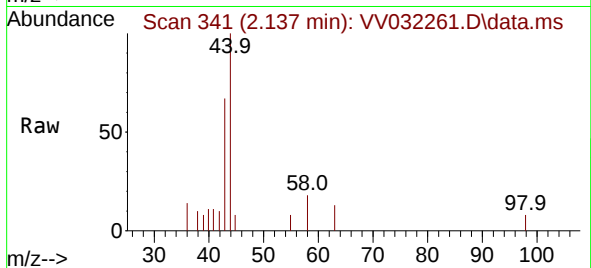
EX879

Tgt Ion: 43 Resp: 2471

Ion Ratio Lower Upper

43 100

58 26.1 0.0 66.0



#18

trans-1,2-Dichloroethene

Concen: 5.053 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.003 min

Lab File: VV032261.D

Acq: 05 Oct 2023 17:23

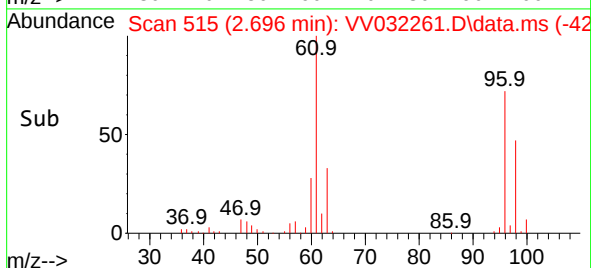
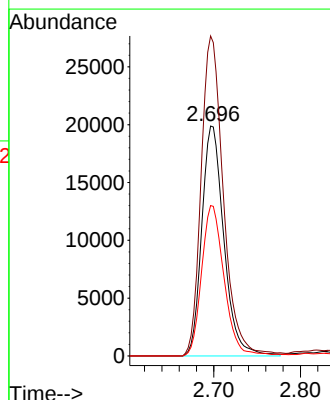
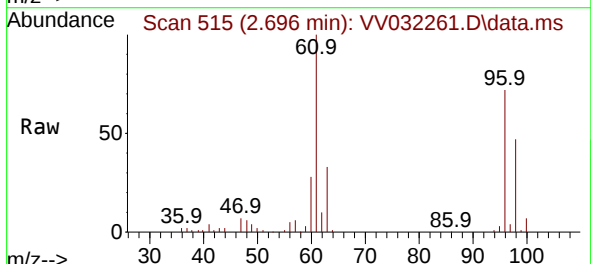
Tgt Ion: 96 Resp: 35224

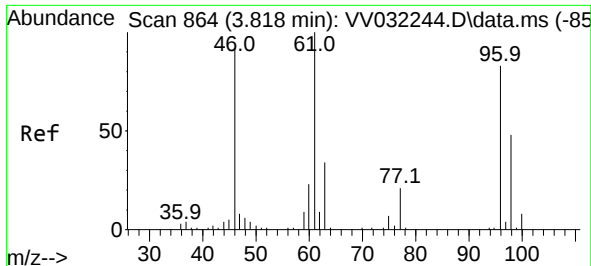
Ion Ratio Lower Upper

96 100

61 139.2 96.9 180.1

98 65.4 45.3 84.1





#22

cis-1,2-Dichloroethene

Concen: 35.094 ug/L

RT: 3.818 min Scan# 80

Delta R.T. 0.000 min

Lab File: VV032261.D

Acq: 05 Oct 2023 17:23

Instrument :

MSVOA_V

ClientSampleId :

EX879

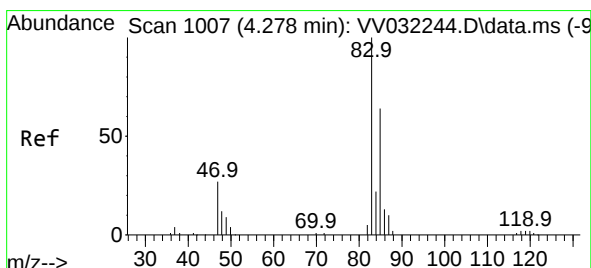
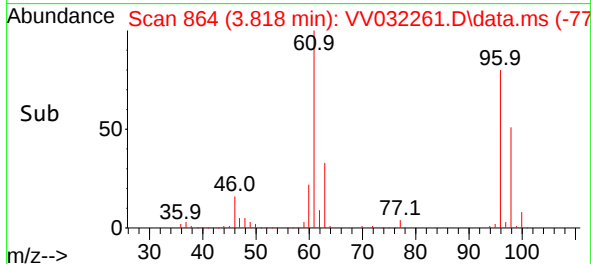
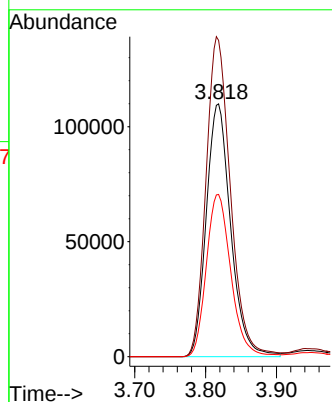
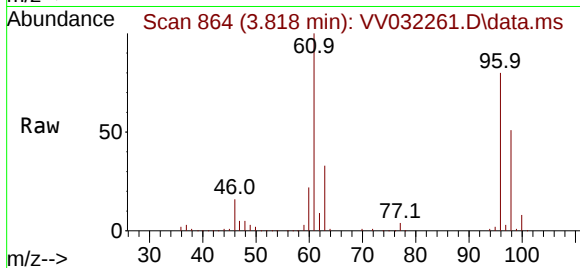
Tgt Ion: 96 Resp: 263417

Ion Ratio Lower Upper

96 100

61 125.1 85.8 159.4

98 64.2 44.0 81.6



#25

Chloroform

Concen: 1.974 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. 0.003 min

Lab File: VV032261.D

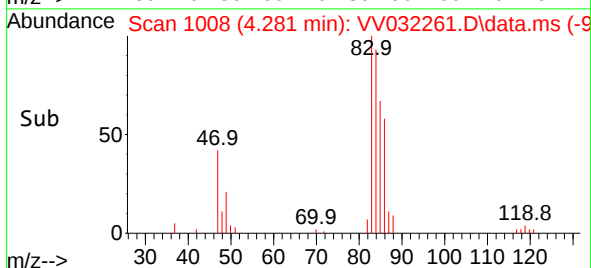
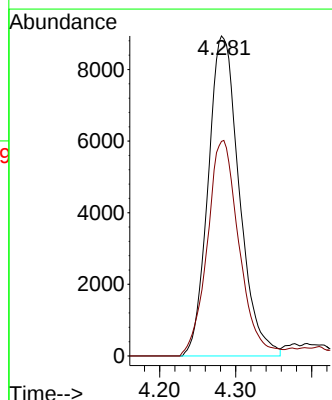
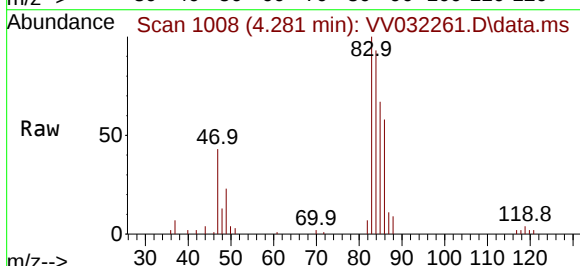
Acq: 05 Oct 2023 17:23

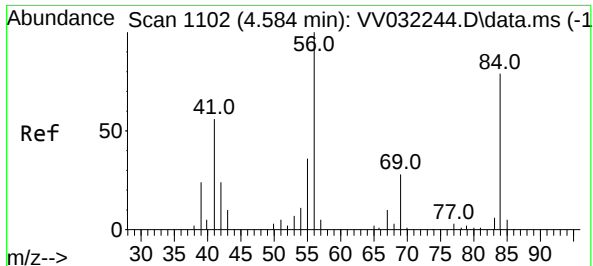
Tgt Ion: 83 Resp: 25396

Ion Ratio Lower Upper

83 100

85 67.1 45.4 84.4





#30

Cyclohexane

Concen: 0.194 ug/L

RT: 4.587 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV032261.D

Acq: 05 Oct 2023 17:23

Instrument :

MSVOA_V

ClientSampleId :

EX879

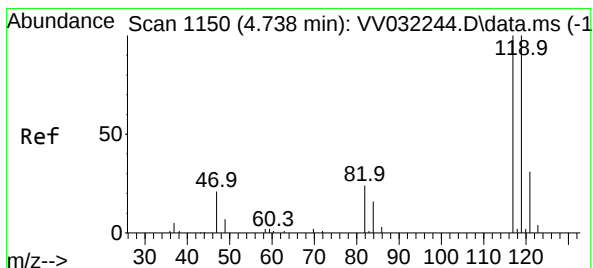
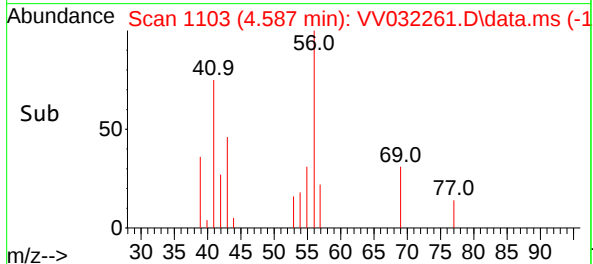
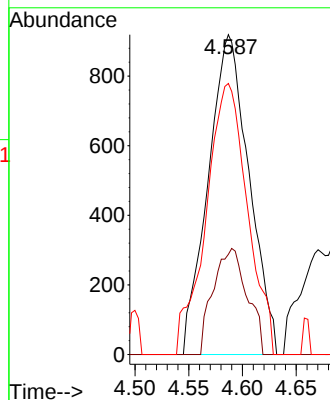
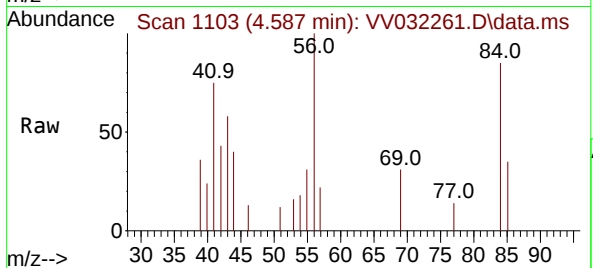
Tgt Ion: 56 Resp: 2429

Ion Ratio Lower Upper

56 100

69 27.5 24.2 36.2

84 85.9 68.1 102.1



#31

Carbon tetrachloride

Concen: 1.697 ug/L

RT: 4.744 min Scan# 1152

Delta R.T. 0.006 min

Lab File: VV032261.D

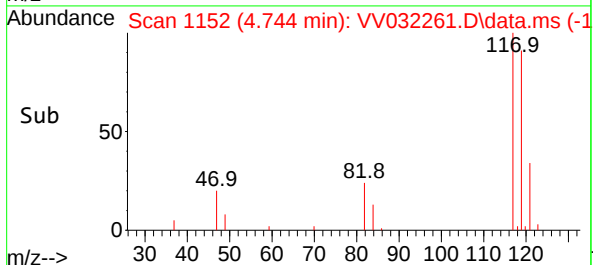
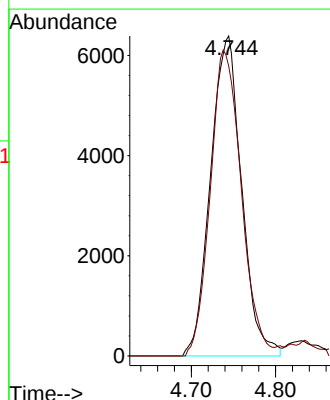
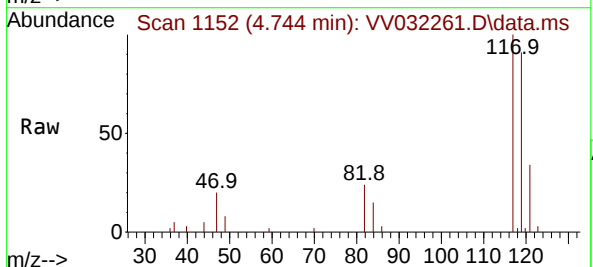
Acq: 05 Oct 2023 17:23

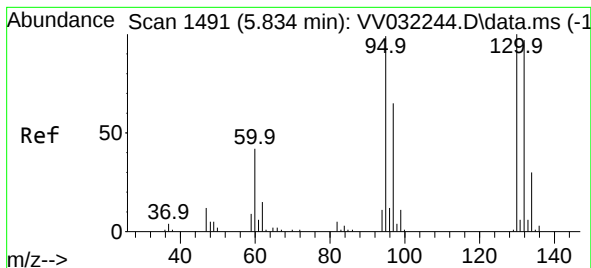
Tgt Ion: 117 Resp: 16346

Ion Ratio Lower Upper

117 100

119 95.3 77.6 116.4





#34

Trichloroethene

Concen: 507.168 ug/L

RT: 5.838 min Scan# 1491

Delta R.T. 0.003 min

Lab File: VV032261.D

Acq: 05 Oct 2023 17:23

Instrument :

MSVOA_V

ClientSampleId :

EX879

Tgt Ion: 95 Resp: 4082377

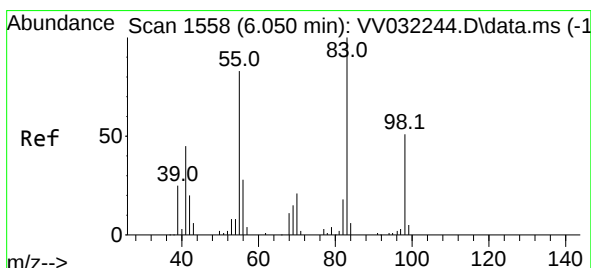
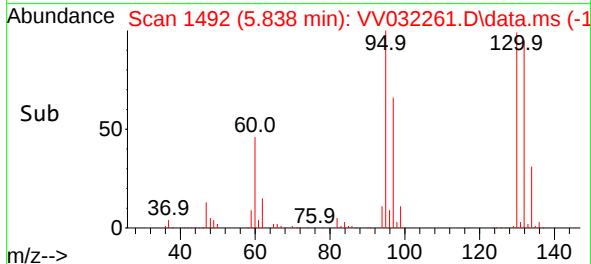
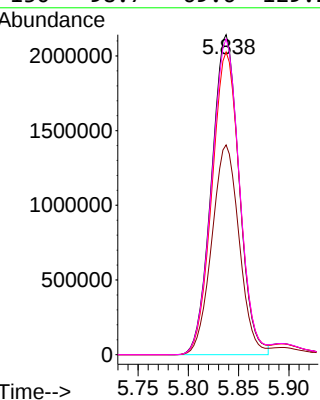
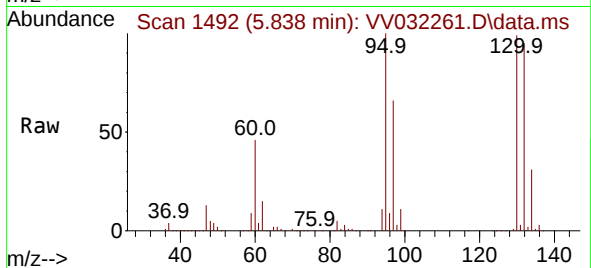
Ion Ratio Lower Upper

95 100

97 65.5 45.7 84.9

132 94.6 70.3 130.5

130 98.7 69.6 129.2



#35

Methylcyclohexane

Concen: 0.337 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.003 min

Lab File: VV032261.D

Acq: 05 Oct 2023 17:23

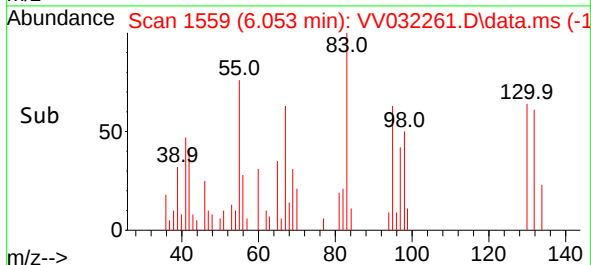
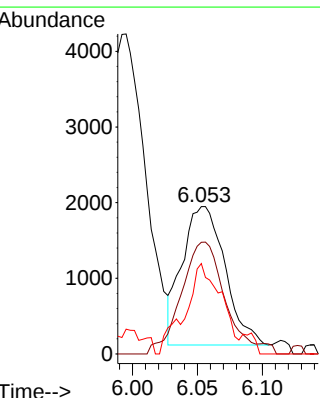
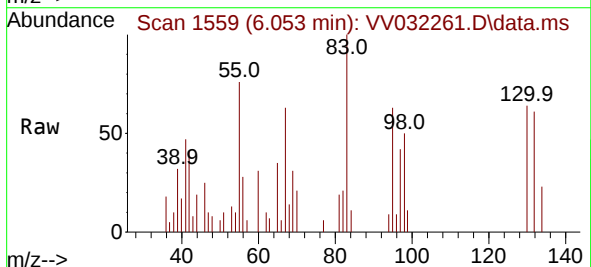
Tgt Ion: 83 Resp: 4203

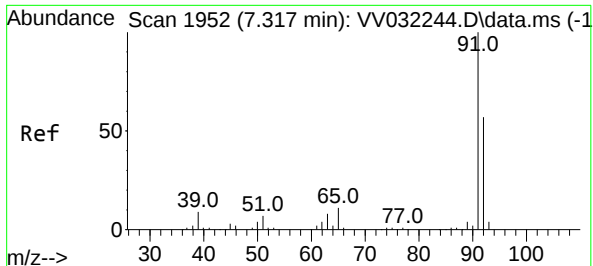
Ion Ratio Lower Upper

83 100

55 83.2 64.2 96.2

98 0.0 39.6 59.4#





#42

Toluene

Concen: 0.381 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.010 min

Lab File: VV032261.D

Acq: 05 Oct 2023 17:23

Instrument :

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ClientSampleId :

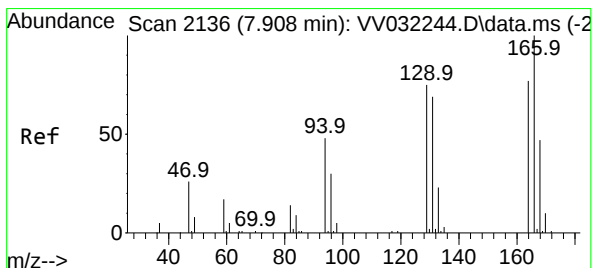
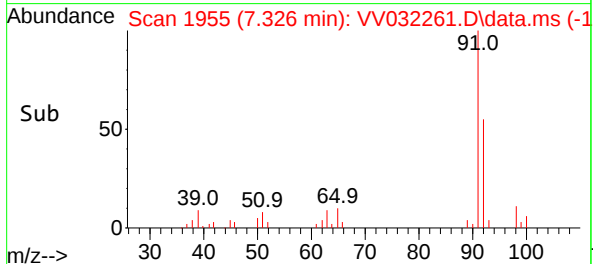
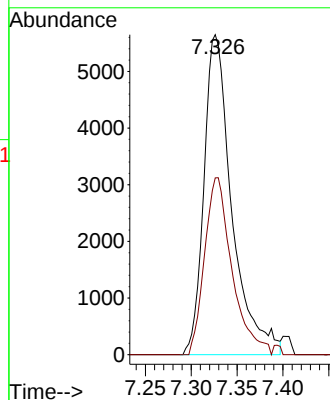
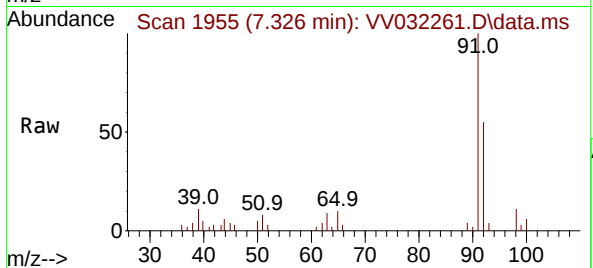
EX879

Tgt Ion: 91 Resp: 11969

Ion Ratio Lower Upper

91 100

92 55.3 40.8 75.8



#47

Tetrachloroethene

Concen: 0.189 ug/L

RT: 7.918 min Scan# 2139

Delta R.T. 0.010 min

Lab File: VV032261.D

Acq: 05 Oct 2023 17:23

Tgt Ion: 164 Resp: 1156

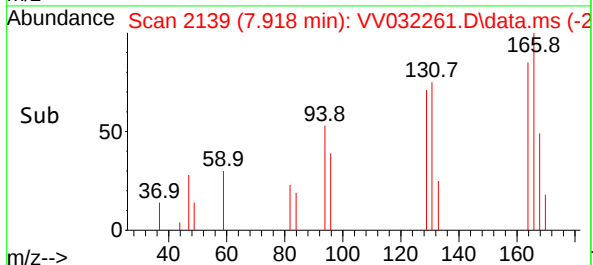
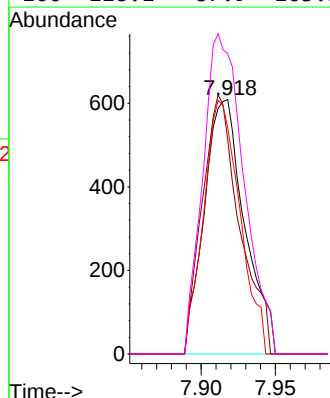
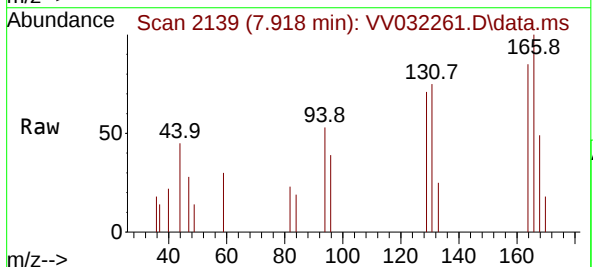
Ion Ratio Lower Upper

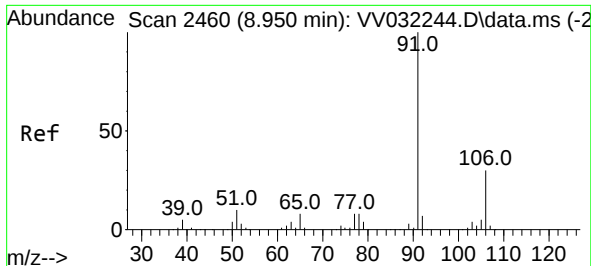
164 100

129 84.4 66.4 123.4

131 89.0 63.7 118.3

166 118.1 87.9 163.3





#52

Ethylbenzene

Concen: 0.126 ug/L

RT: 8.956 min Scan# 2460

Delta R.T. 0.006 min

Lab File: VV032261.D

Acq: 05 Oct 2023 17:23

Instrument :

MSVOA_V

ClientSampleId :

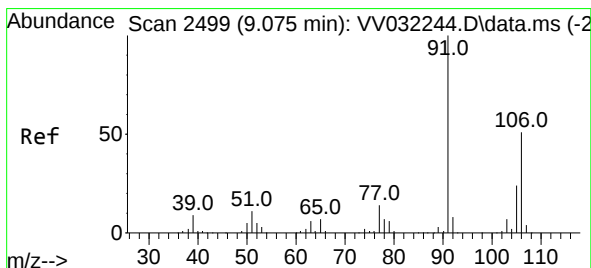
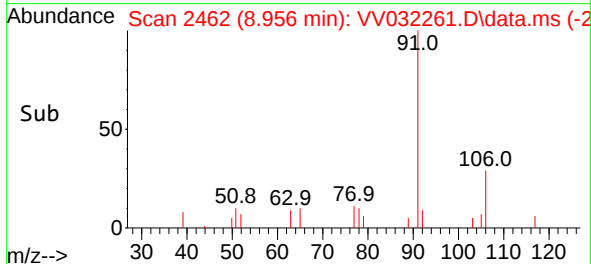
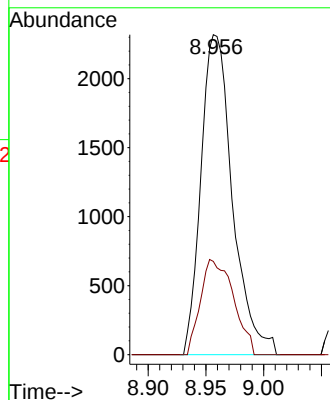
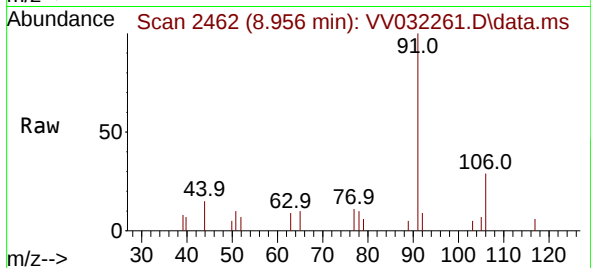
EX879

Tgt Ion: 91 Resp: 4397

Ion Ratio Lower Upper

91 100

106 29.2 21.3 39.5



#53

m,p-Xylene

Concen: 0.232 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.006 min

Lab File: VV032261.D

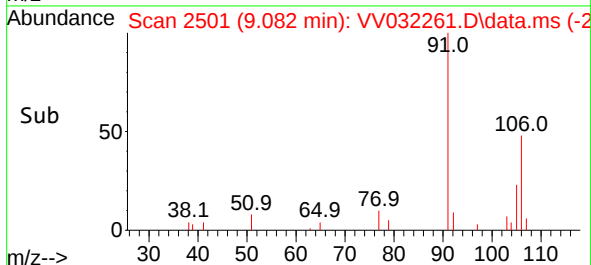
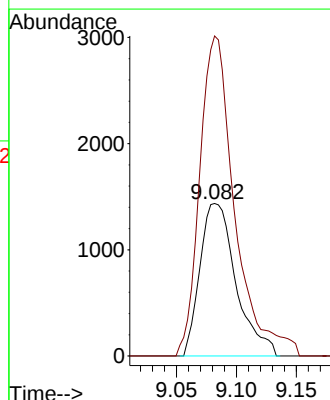
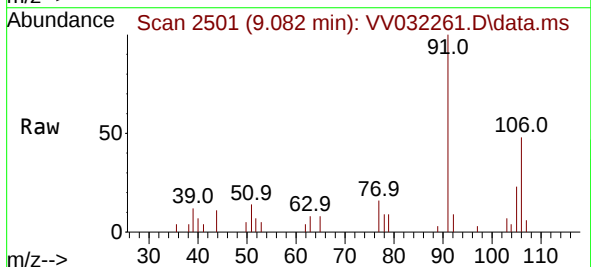
Acq: 05 Oct 2023 17:23

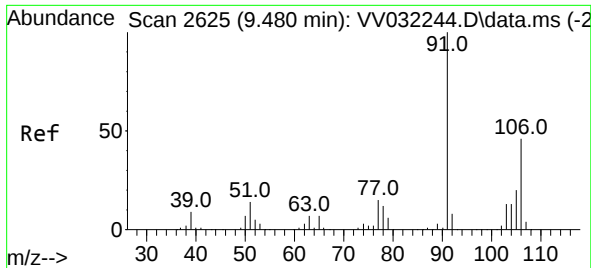
Tgt Ion:106 Resp: 3007

Ion Ratio Lower Upper

106 100

91 209.7 144.5 268.3

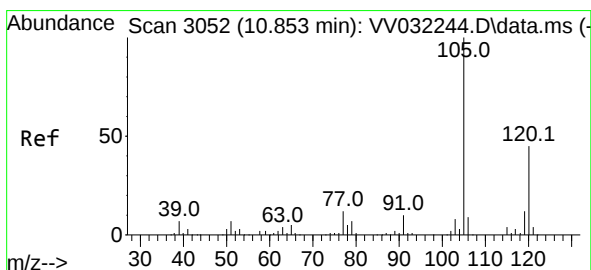
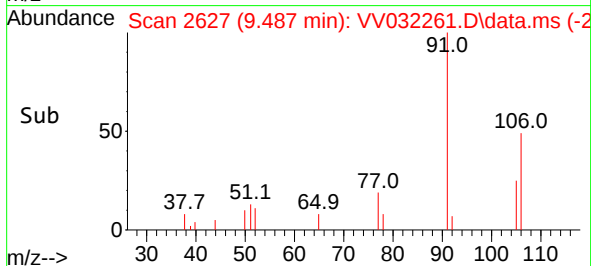
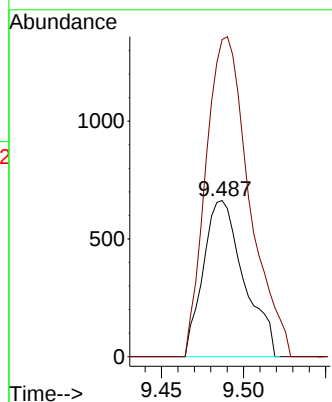
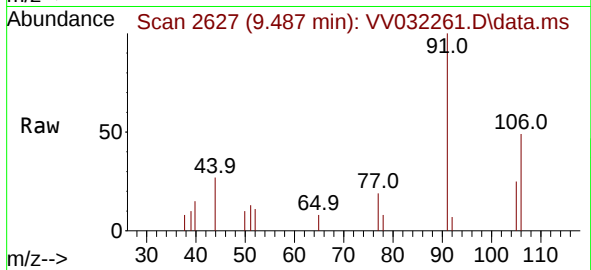




#54
o-Xylene
Concen: 0.091 ug/L
RT: 9.487 min Scan# 20
Delta R.T. 0.006 min
Lab File: VV032261.D
Acq: 05 Oct 2023 17:23

Instrument :
MSVOA_V
ClientSampleId :
EX879

Tgt Ion:106 Resp: 1143
Ion Ratio Lower Upper
106 100
91 203.2 154.8 287.4



#63
1,2,4-Trimethylbenzene
Concen: 0.139 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.006 min
Lab File: VV032261.D
Acq: 05 Oct 2023 17:23

Tgt Ion:105 Resp: 3458
Ion Ratio Lower Upper
105 100
120 40.7 36.2 54.4

