

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 :

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
37) 1,2-Dichloropropane	5.992	63	4249	0.539	ug/L #	87
42) Toluene	7.326	91	11969	0.381	ug/L	96
47) Tetrachloroethene	7.918	164	1156	0.189	ug/L	93
49) Dibromochloromethane	7.911	129	1090	0.188	ug/L #	8
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
61) 1,2,3-Trichloropropane	11.188	75	4895	1.163	ug/L #	64
63) 1,2,4-Trimethylbenzene	10.860	105	3458	0.139	ug/L	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100523\
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ClientSampleId :

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

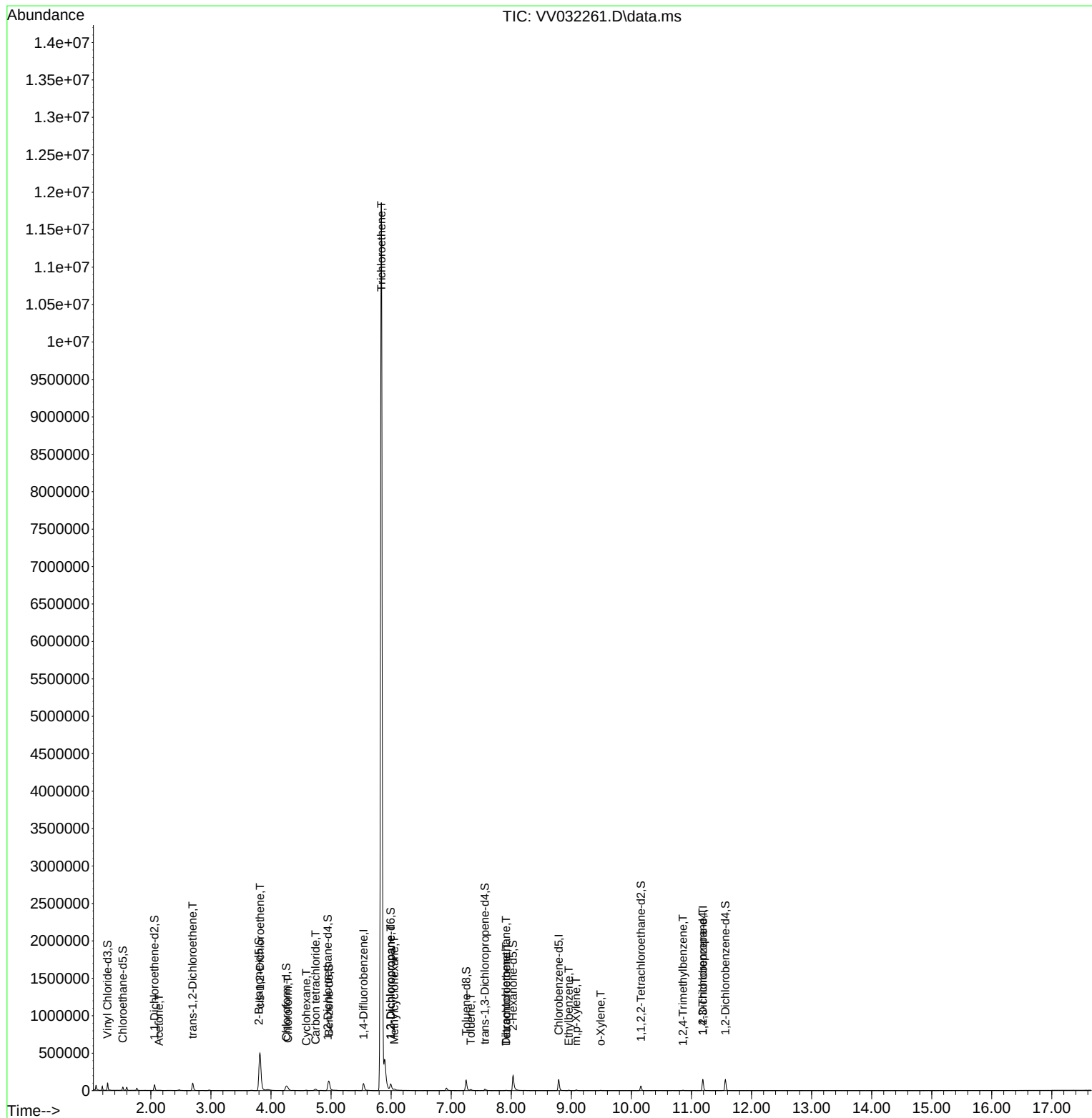
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

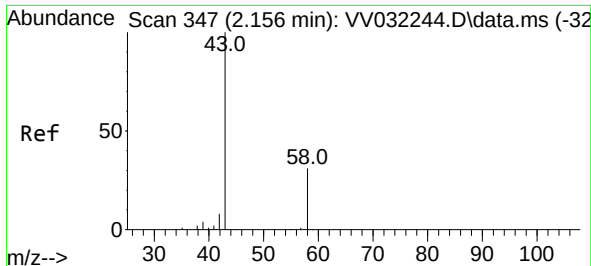
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#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

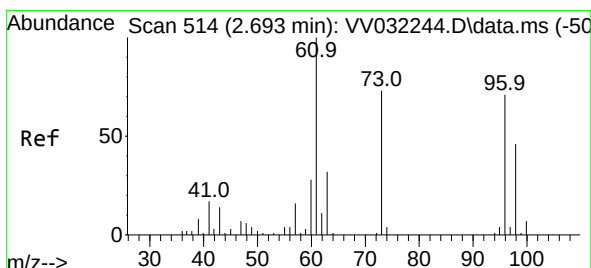
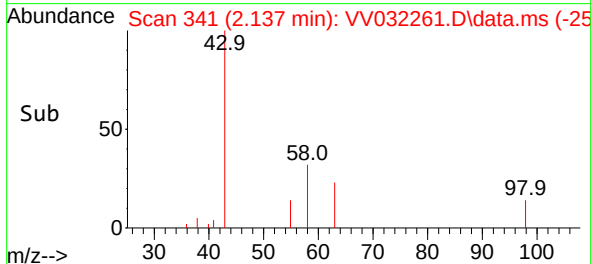
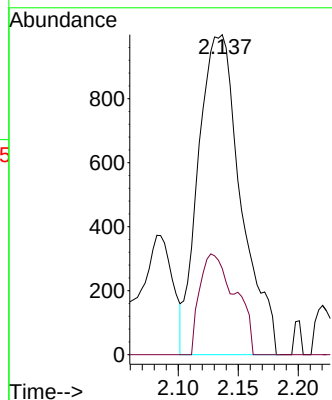
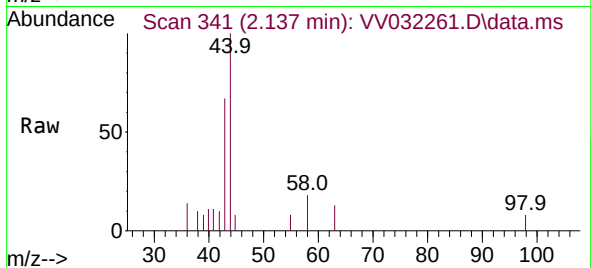
ClientSampleId :

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

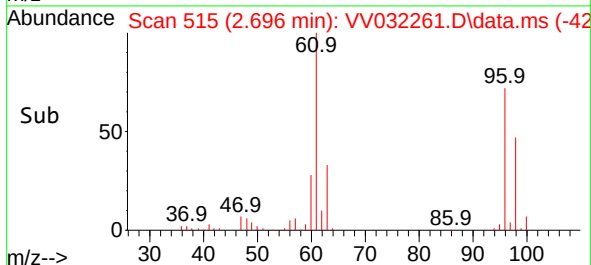
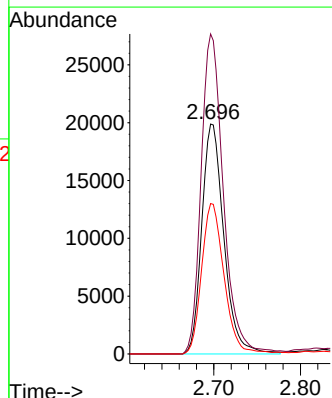
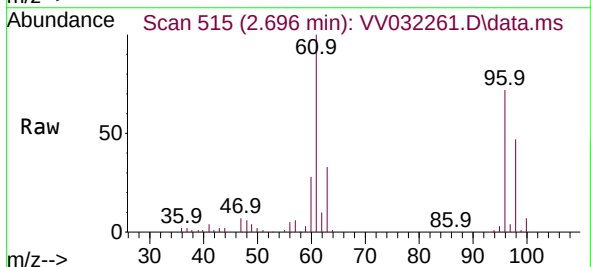
Tgt Ion: 96 Resp: 35224

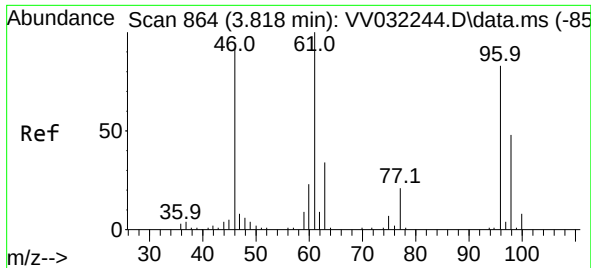
Ion Ratio Lower Upper

96 100

61 139.2 96.9 180.1

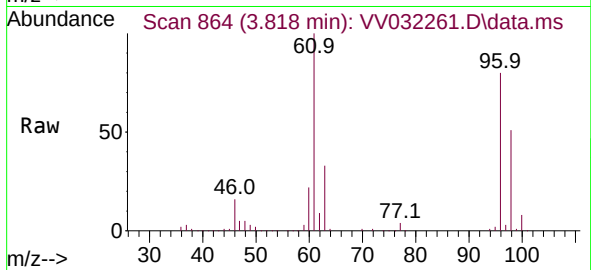
98 65.4 45.3 84.1





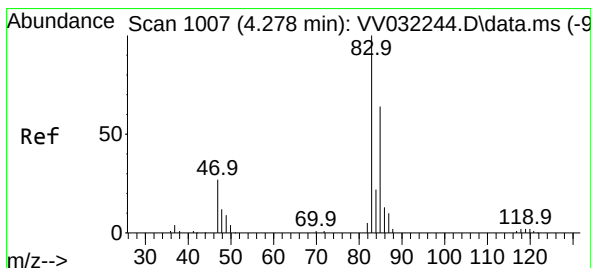
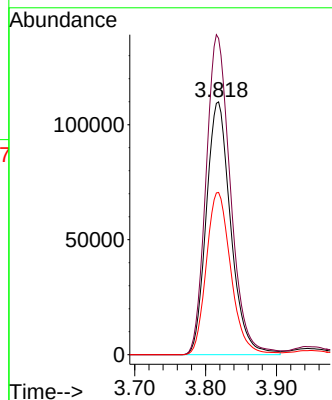
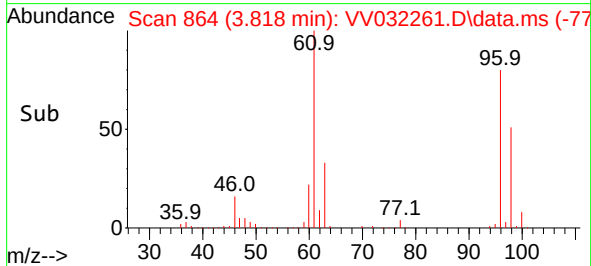
#22
 cis-1,2-Dichloroethene
 Concen: 35.094 ug/L
 RT: 3.818 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VV032261.D
 Acq: 05 Oct 2023 17:23

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 263417

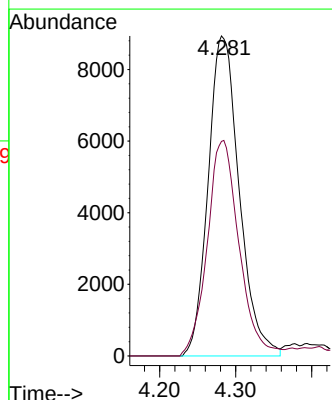
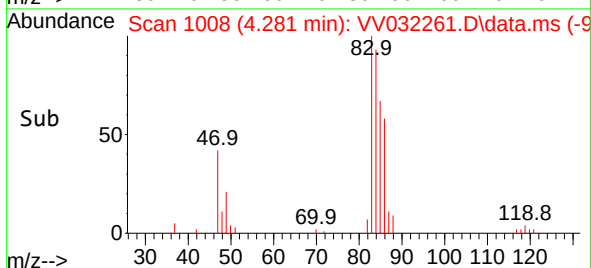
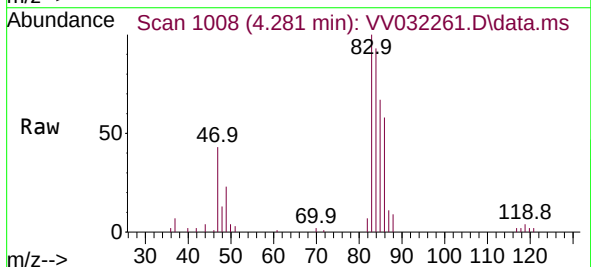
Ion	Ratio	Lower	Upper
96	100		
61	125.1	85.8	159.4
98	64.2	44.0	81.6

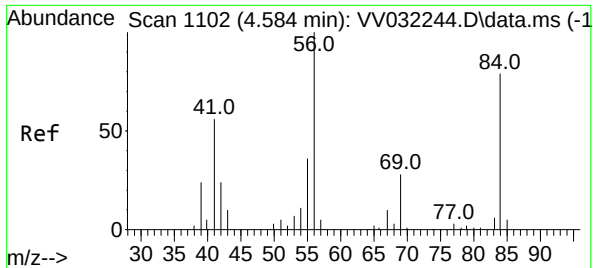


#25
 Chloroform
 Concen: 1.974 ug/L
 RT: 4.281 min Scan# 1008
 Delta R.T. 0.003 min
 Lab File: VV032261.D
 Acq: 05 Oct 2023 17:23

Tgt Ion: 83 Resp: 25396

Ion	Ratio	Lower	Upper
83	100		
85	67.1	45.4	84.4

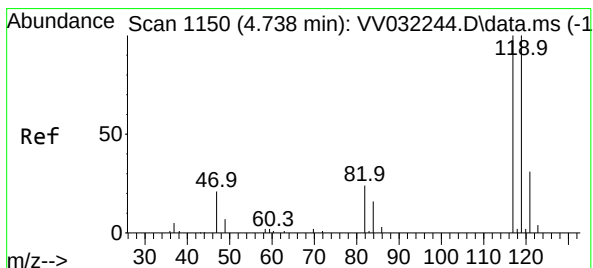
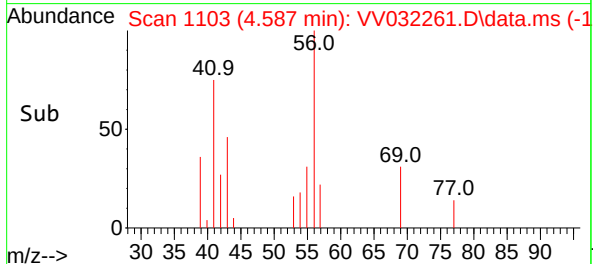
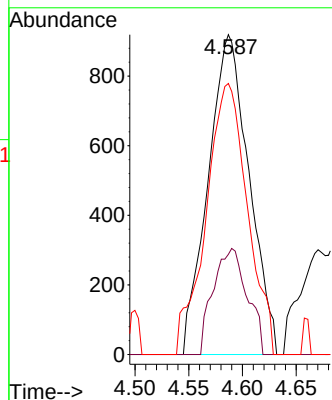
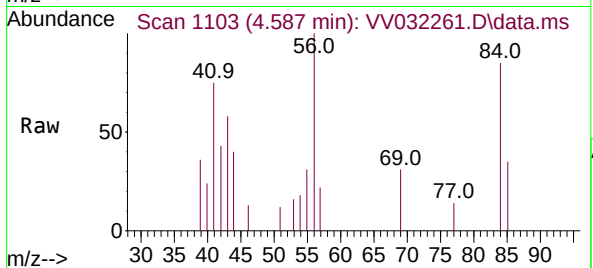




#30
Cyclohexane
Concen: 0.194 ug/L
RT: 4.587 min Scan# 1102
Delta R.T. 0.003 min
Lab File: VV032261.D
Acq: 05 Oct 2023 17:23

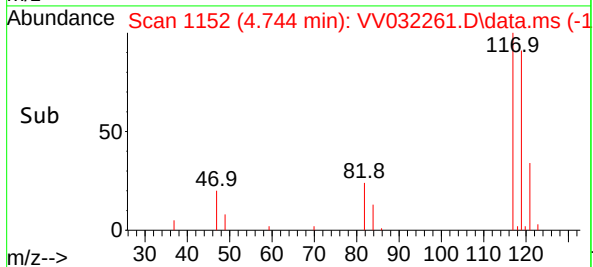
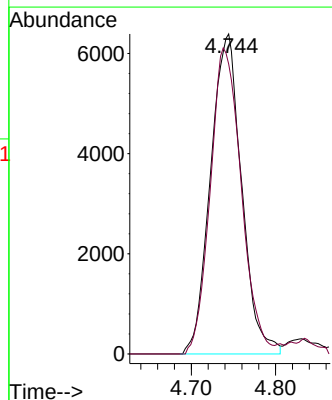
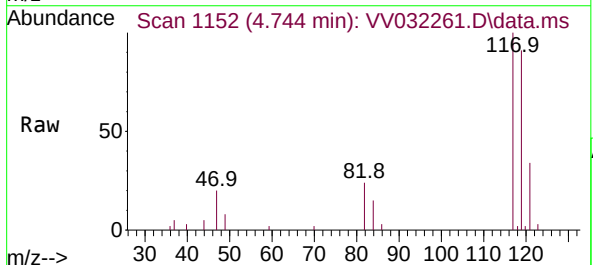
Instrument :
MSVOA_V
ClientSampleId :

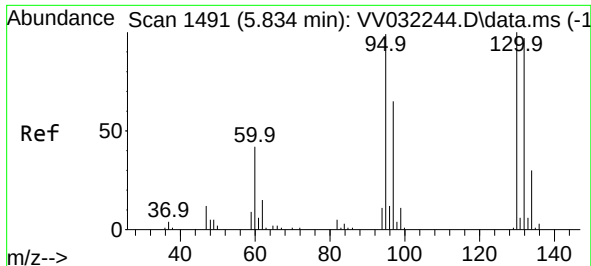
Tgt Ion: 56 Resp: 2429
Ion Ratio Lower Upper
56 100
69 27.5 24.2 36.2
84 85.9 68.1 102.1



#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



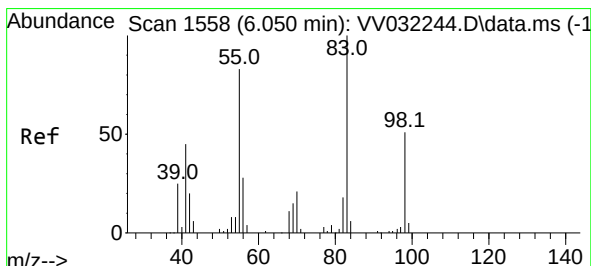
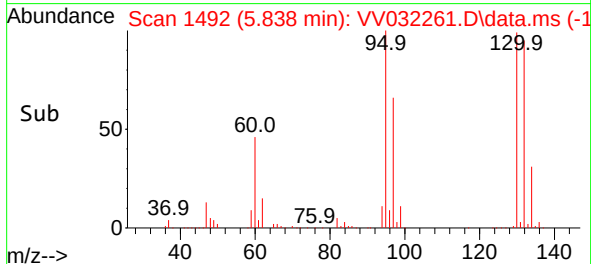
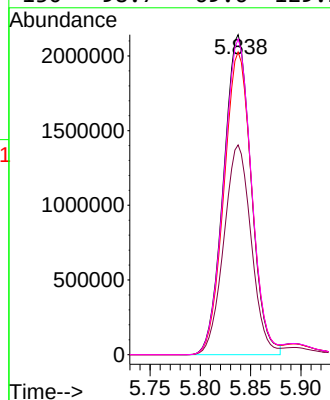
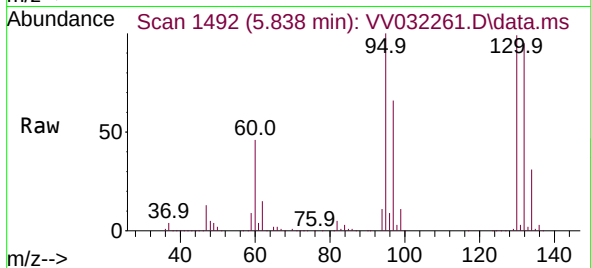


#34
Trichloroethene
Concen: 507.168 ug/L
RT: 5.838 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV032261.D
Acq: 05 Oct 2023 17:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 4082377

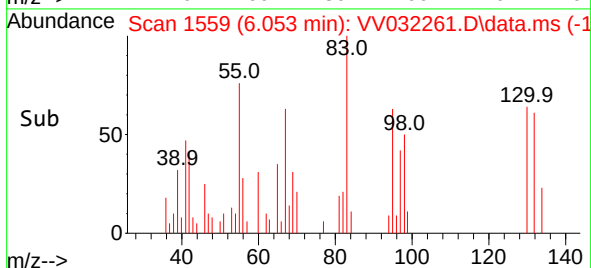
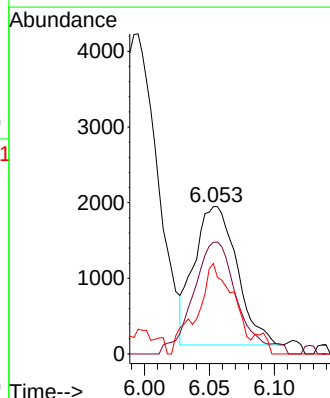
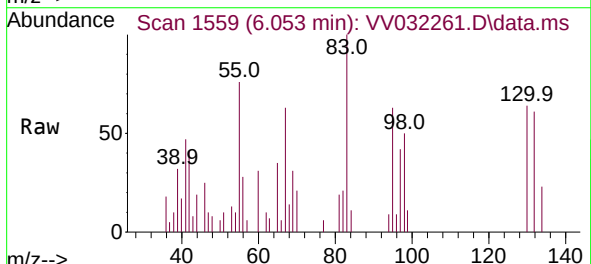
Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.7	84.9
132	94.6	70.3	130.5
130	98.7	69.6	129.2

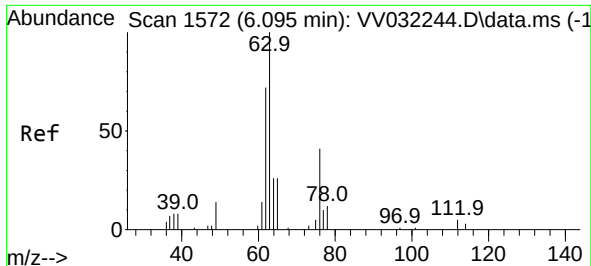


#35
Methylcyclohexane
Concen: 0.337 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.003 min
Lab File: VV032261.D
Acq: 05 Oct 2023 17:23

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





#37

1,2-Dichloropropane

Concen: 0.539 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV032261.D

Acq: 05 Oct 2023 17:23

Instrument :

MSVOA_V

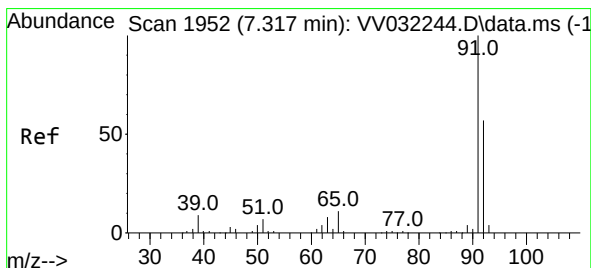
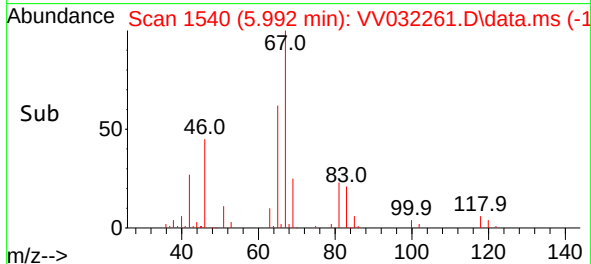
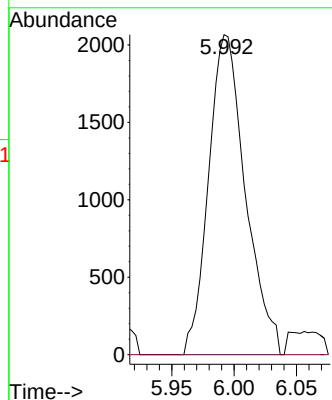
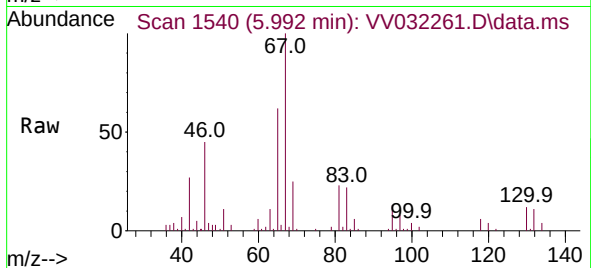
ClientSampleId :

Tgt Ion: 63 Resp: 4249

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#42

Toluene

Concen: 0.381 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.010 min

Lab File: VV032261.D

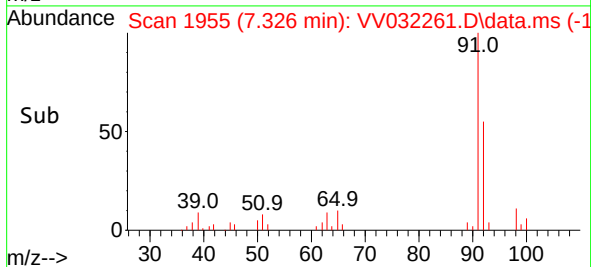
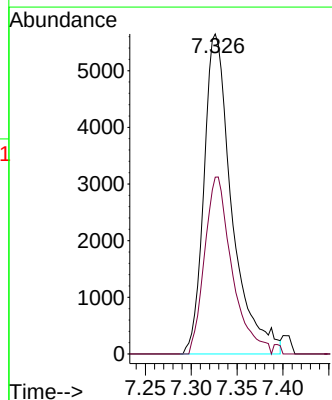
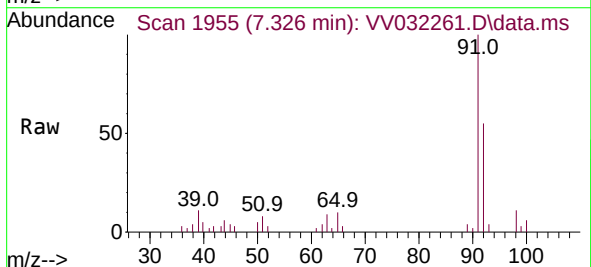
Acq: 05 Oct 2023 17:23

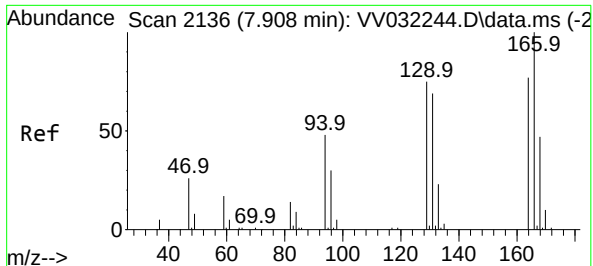
Tgt Ion: 91 Resp: 11969

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# 2137

Delta R.T. 0.010 min

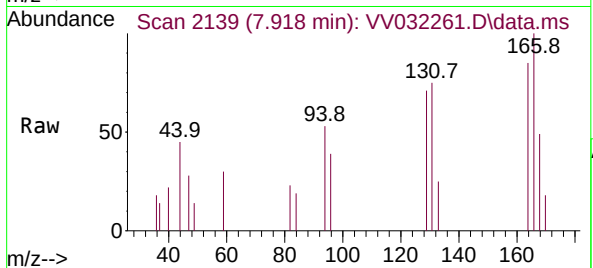
Lab File: VV032261.D

Acq: 05 Oct 2023 17:23

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 1156

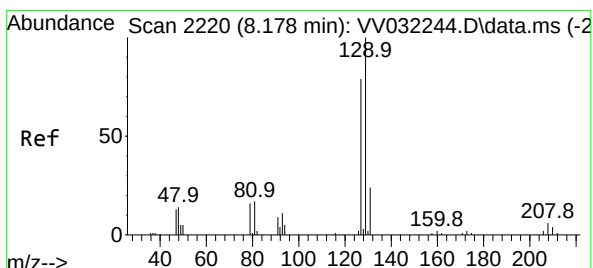
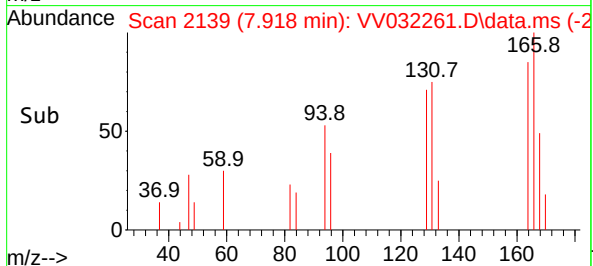
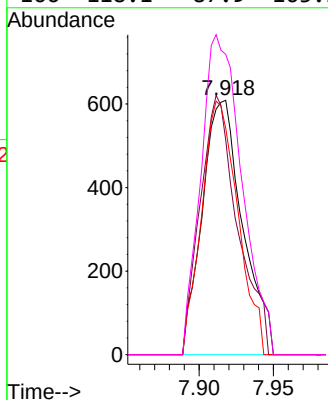
Ion Ratio Lower Upper

164 100

129 84.4 66.4 123.4

131 89.0 63.7 118.3

166 118.1 87.9 163.3



#49

Dibromochloromethane

Concen: 0.188 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.267 min

Lab File: VV032261.D

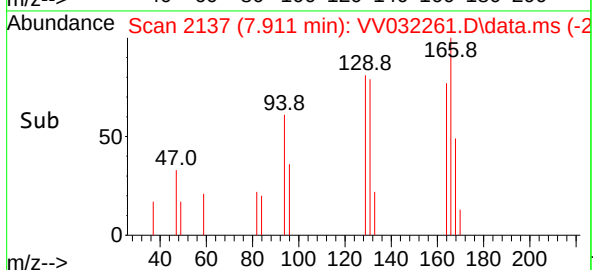
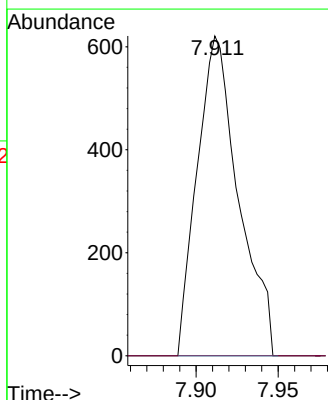
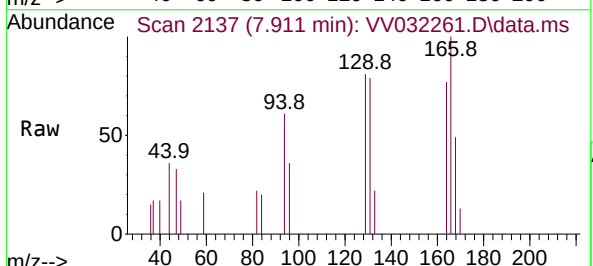
Acq: 05 Oct 2023 17:23

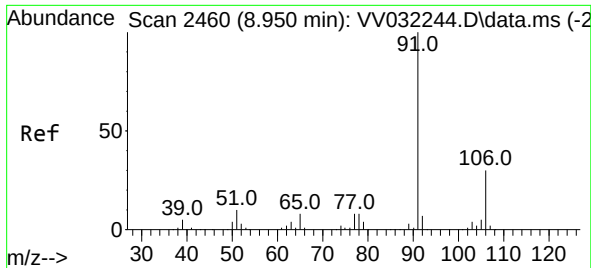
Tgt Ion:129 Resp: 1090

Ion Ratio Lower Upper

129 100

127 0.0 57.2 106.2#

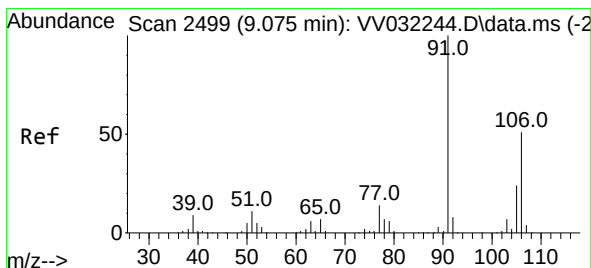
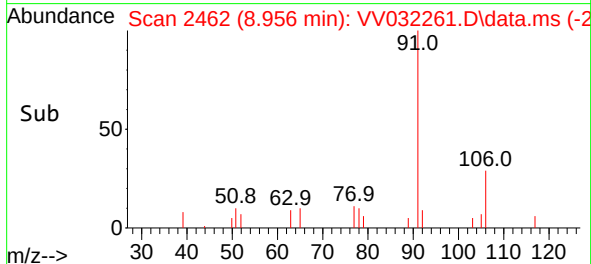
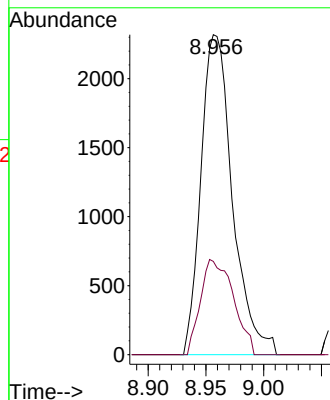
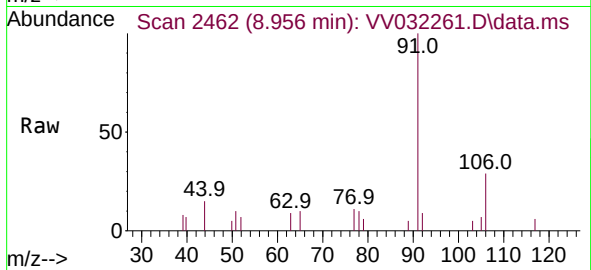




#52
Ethylbenzene
Concen: 0.126 ug/L
RT: 8.956 min Scan# 2460
Delta R.T. 0.006 min
Lab File: VV032261.D
Acq: 05 Oct 2023 17:23

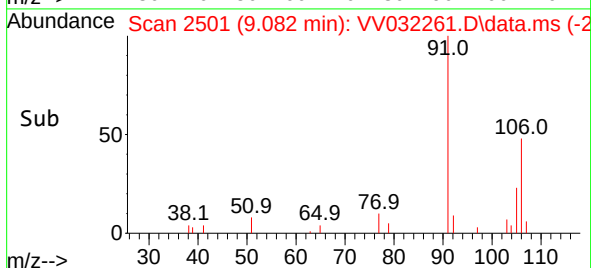
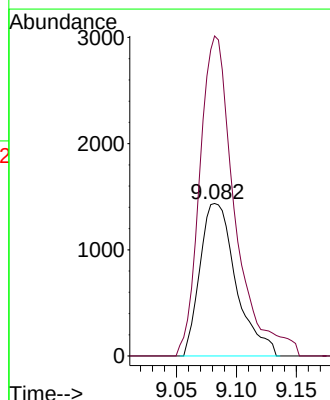
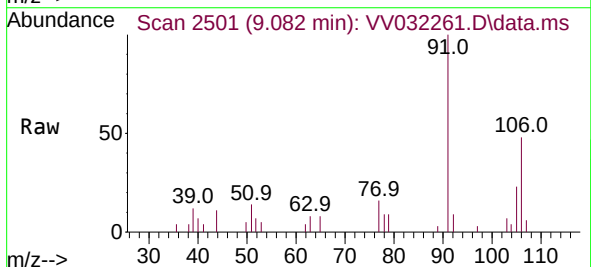
Instrument :
MSVOA_V
ClientSampleId :

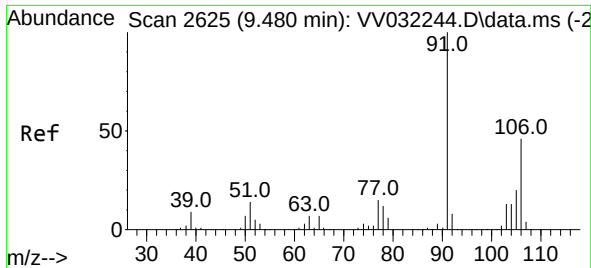
Tgt Ion: 91 Resp: 4397
Ion Ratio Lower Upper
91 100
106 29.2 21.3 39.5



#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

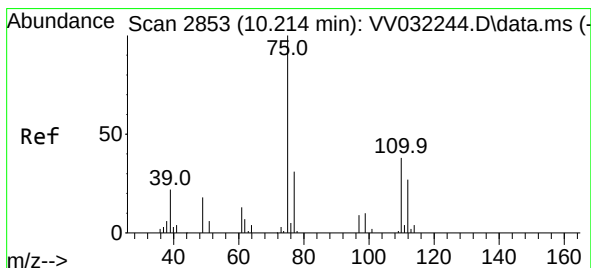
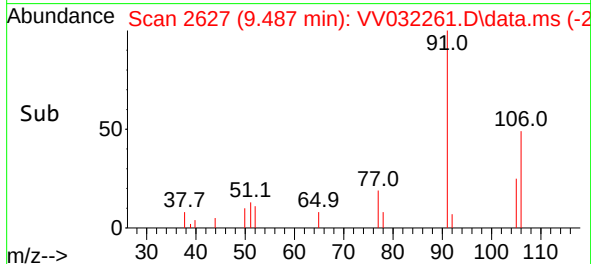
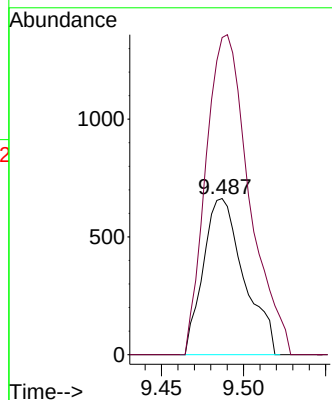
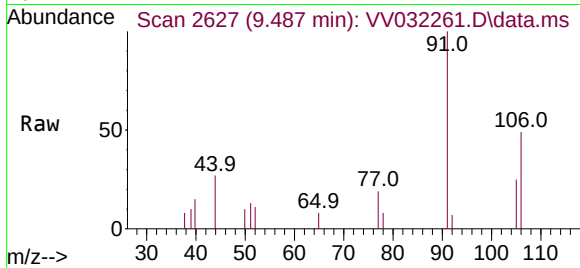




#54
o-Xylene
Concen: 0.091 ug/L
RT: 9.487 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV032261.D
Acq: 05 Oct 2023 17:23

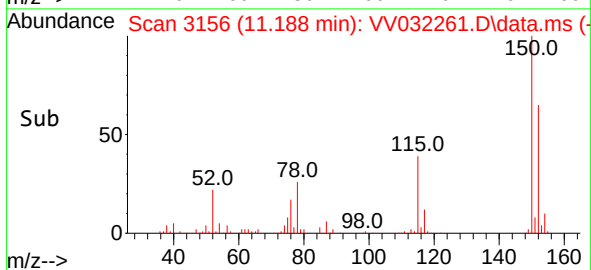
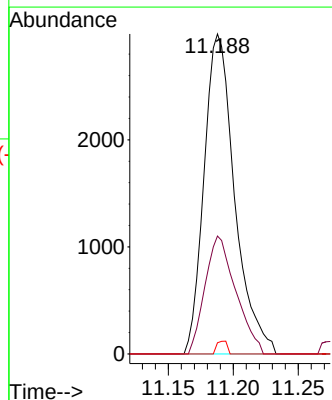
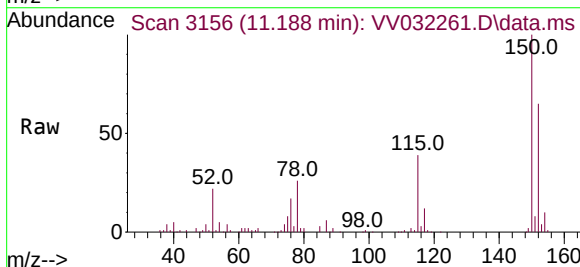
Instrument :
MSVOA_V
ClientSampleId :

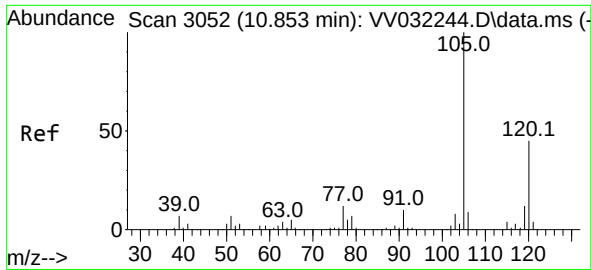
Tgt Ion:106 Resp: 1143
Ion Ratio Lower Upper
106 100
91 203.2 154.8 287.4



#61
1,2,3-Trichloropropane
Concen: 1.163 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV032261.D
Acq: 05 Oct 2023 17:23

Tgt Ion: 75 Resp: 4895
Ion Ratio Lower Upper
75 100
77 37.0 26.2 39.2
110 1.3 30.6 46.0#





#63

1,2,4-Trimethylbenzene

Concen: 0.139 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.006 min

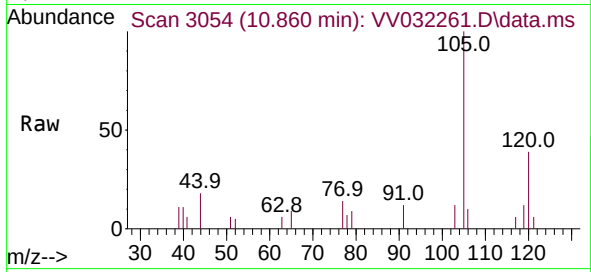
Lab File: VV032261.D

Acq: 05 Oct 2023 17:23

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:105 Resp: 3458

Ion Ratio Lower Upper

105 100

120 40.7 36.2 54.4

