

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100623\
 Data File : VV032309.D
 Acq On : 06 Oct 2023 18:20
 Operator : SY/MD
 Sample : 04774-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 05:08:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 07 05:00:49 2023
 Response via : Initial Calibration

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

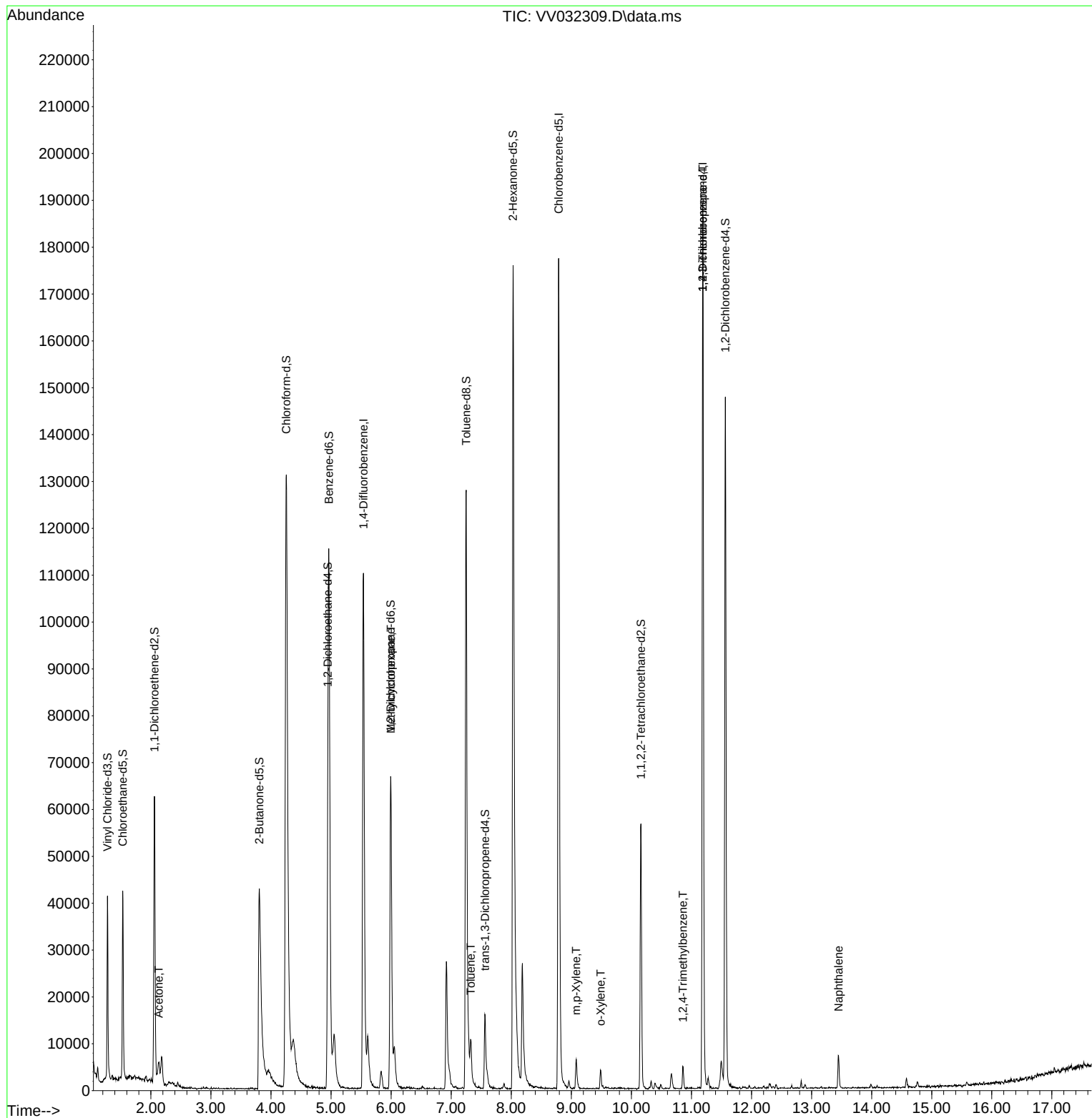
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	94850	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	104099	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	48696	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	25289	3.278	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.532	69	25780	4.117	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.059	65	10230	3.145	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	3.805	46	84578	43.342	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.680%
24) Chloroform-d	4.252	84	55815	4.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	4.947	65	27214	4.222	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	4.963	84	103420	3.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.600%#
36) 1,2-Dichloropropane-d6	5.992	67	34735	3.423	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.400%
41) Toluene-d8	7.249	98	94520	3.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.400%#
43) trans-1,3-Dichloroprop...	7.564	79	11524	3.204	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.000%
46) 2-Hexanone-d5	8.030	63	67976	40.174	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.340%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	28255	3.980	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	36900	4.084	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.600%
Target Compounds						
13) Acetone	2.133	43	3378	2.246	ug/L	72
35) Methylcyclohexane	5.995	83	8125	0.525	ug/L #	18
42) Toluene	7.326	91	7814	0.200	ug/L	91
53) m,p-Xylene	9.082	106	1913	0.119	ug/L	76
54) o-Xylene	9.487	106	1199	0.077	ug/L	92
61) 1,2,3-Trichloropropane	11.188	75	6069	1.171	ug/L #	67
63) 1,2,4-Trimethylbenzene	10.860	105	2876	0.094	ug/L	98
71) Naphthalene	13.448	128	5825	0.292	ug/L #	94

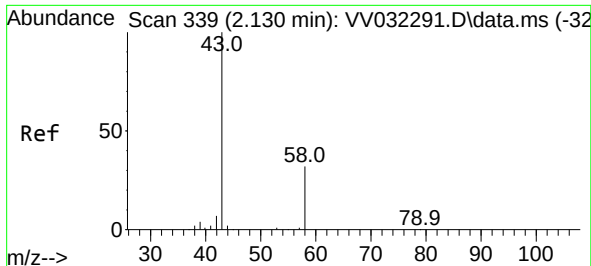
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.246 ug/L

RT: 2.133 min Scan# 34

Delta R.T. 0.003 min

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Instrument :

MSVOA_V

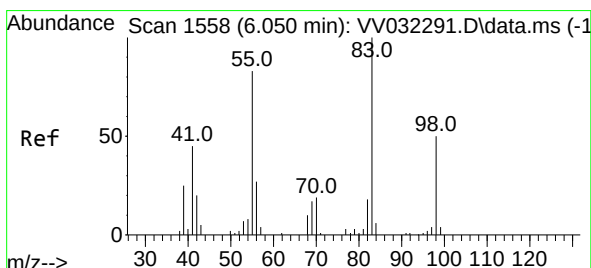
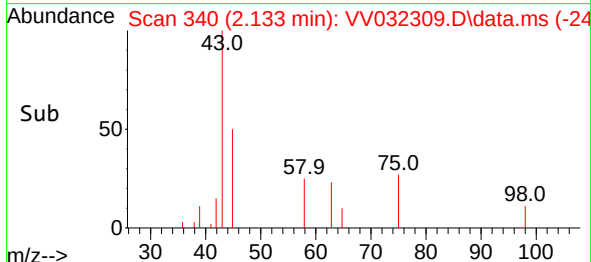
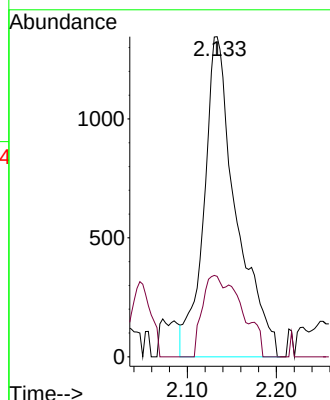
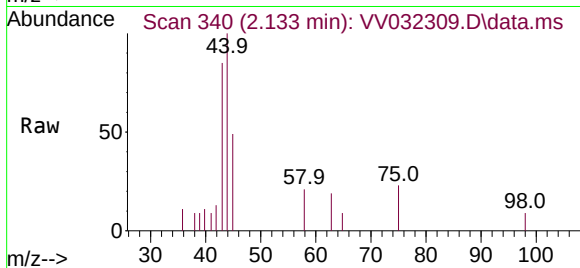
ClientSampleId :

Tgt Ion: 43 Resp: 3378

Ion Ratio Lower Upper

43 100

58 17.3 0.0 66.0



#35

Methylcyclohexane

Concen: 0.525 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.055 min

Lab File: VV032309.D

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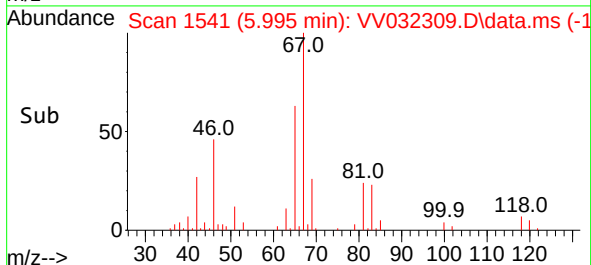
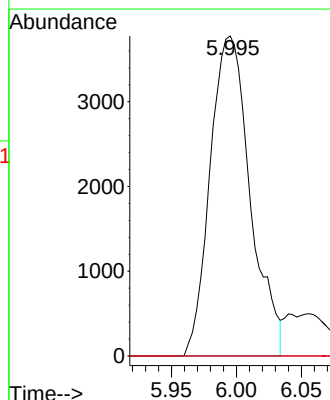
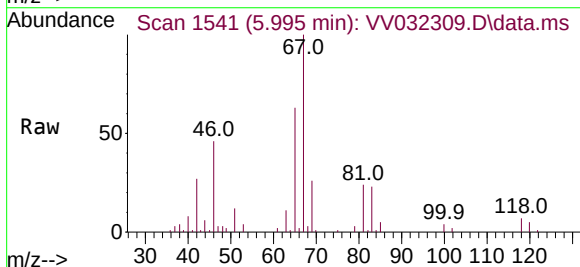
Tgt Ion: 83 Resp: 8125

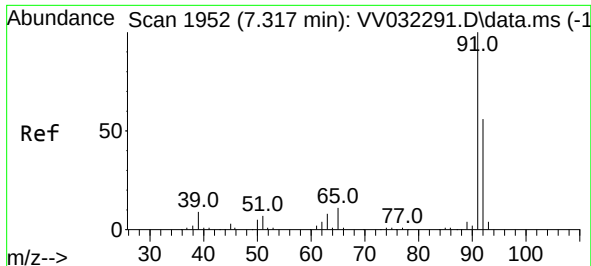
Ion Ratio Lower Upper

83 100

55 0.0 64.2 96.2#

98 2.7 39.6 59.4#





#42

Toluene

Concen: 0.200 ug/L

RT: 7.326 min Scan# 1952

Delta R.T. 0.010 min

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Instrument :

MSVOA_V

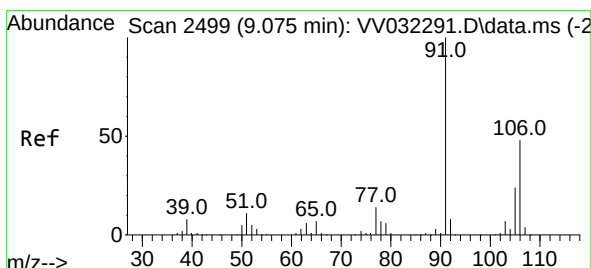
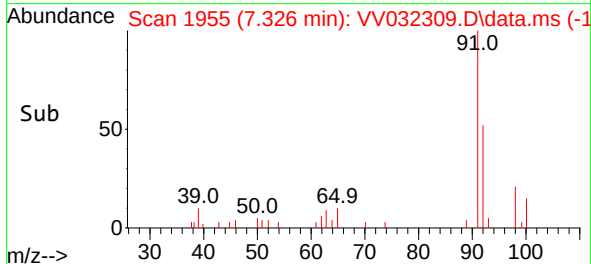
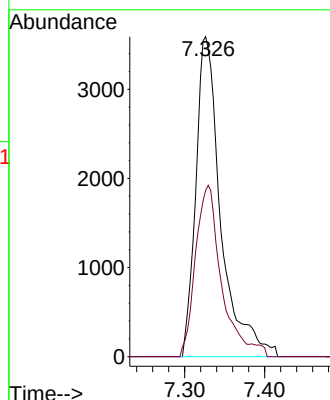
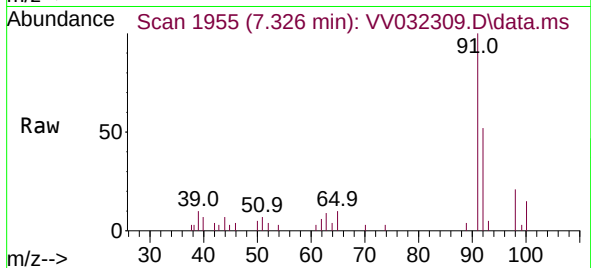
ClientSampleId :

Tgt Ion: 91 Resp: 7814

Ion Ratio Lower Upper

91 100

92 52.0 40.8 75.8



#53

m,p-Xylene

Concen: 0.119 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.006 min

Lab File: VV032309.D

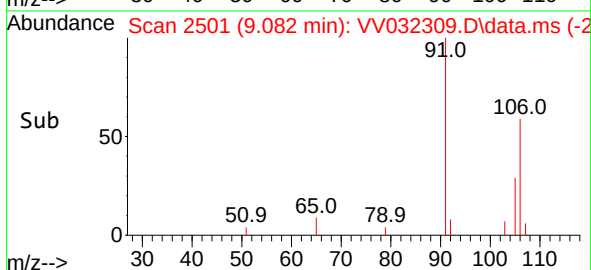
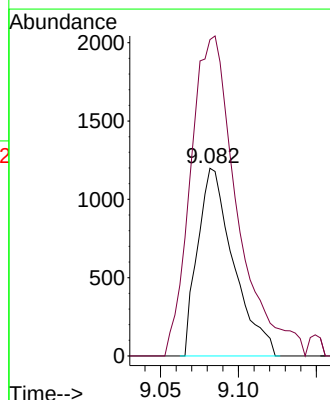
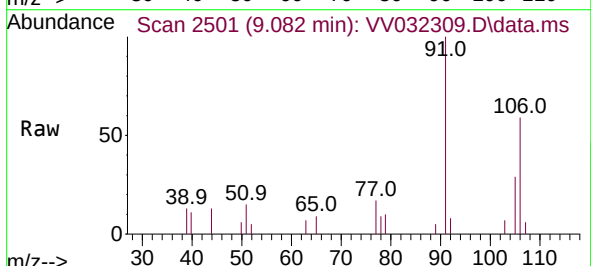
Acq: 06 Oct 2023 18:20

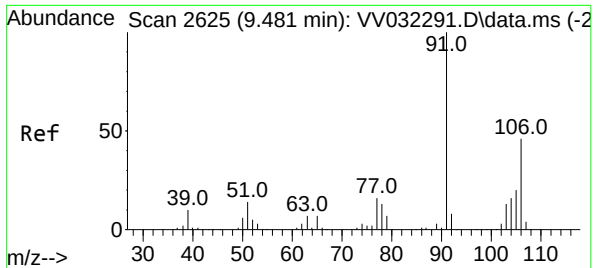
Tgt Ion: 106 Resp: 1913

Ion Ratio Lower Upper

106 100

91 168.6 144.5 268.3

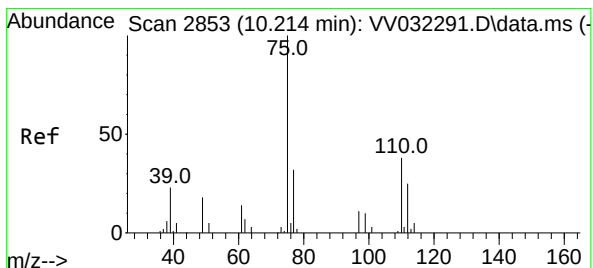
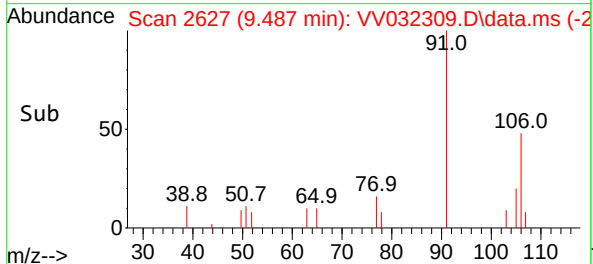
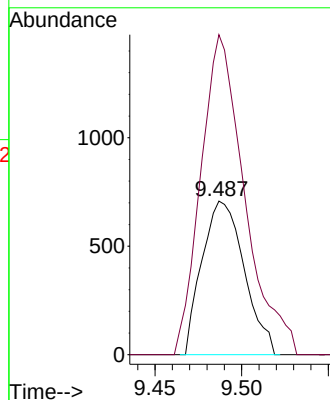
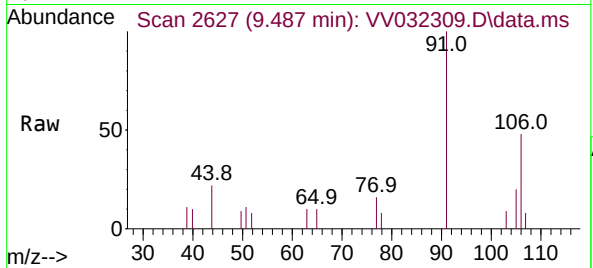




#54
o-Xylene
Concen: 0.077 ug/L
RT: 9.487 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV032309.D
Acq: 06 Oct 2023 18:20

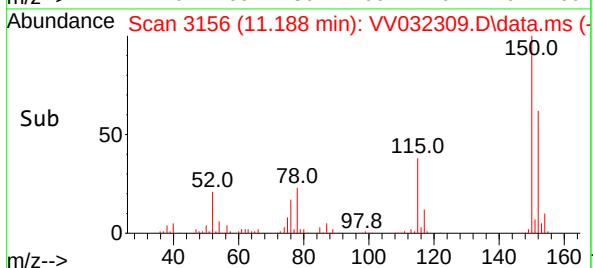
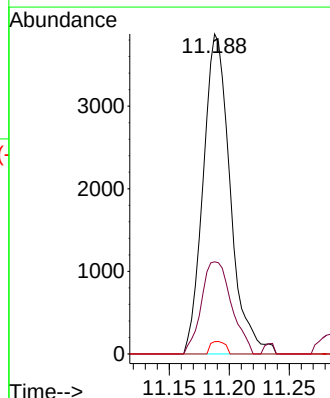
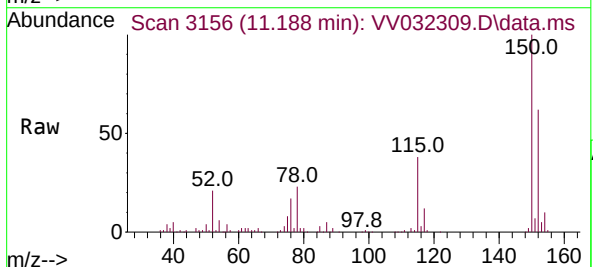
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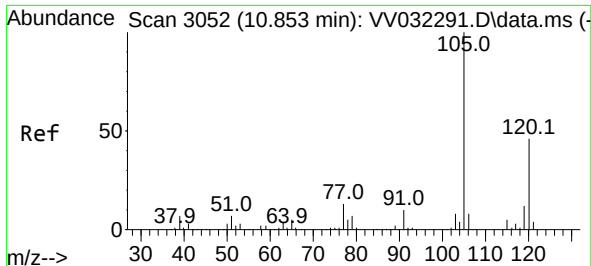
Tgt Ion:106 Resp: 1199
Ion Ratio Lower Upper
106 100
91 208.3 154.8 287.4



#61
1,2,3-Trichloropropane
Concen: 1.171 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV032309.D
Acq: 06 Oct 2023 18:20

Tgt Ion: 75 Resp: 6069
Ion Ratio Lower Upper
75 100
77 32.1 26.2 39.2
110 2.1 30.6 46.0#

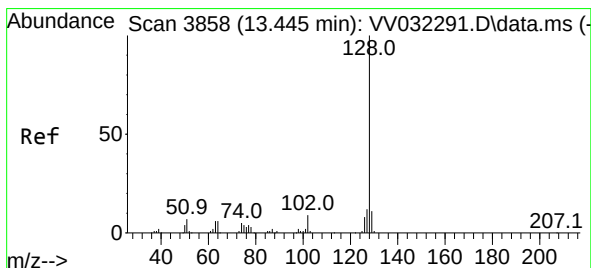
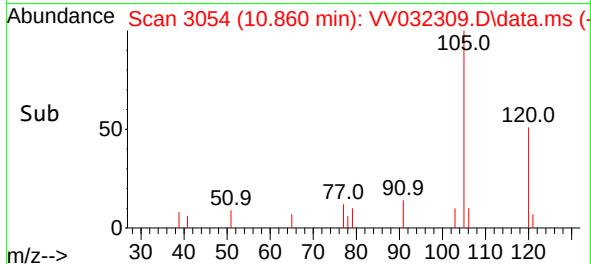
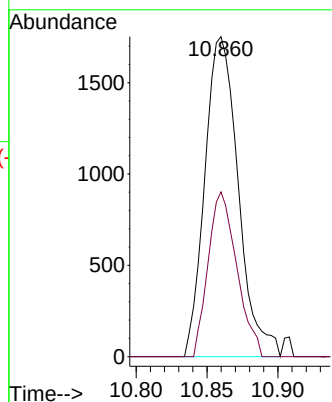
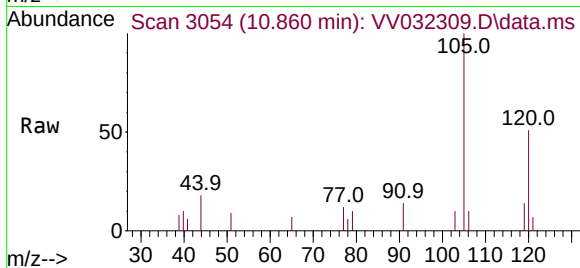




#63
1,2,4-Trimethylbenzene
Concen: 0.094 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.006 min
Lab File: VV032309.D
Acq: 06 Oct 2023 18:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 2876
Ion Ratio Lower Upper
105 100
120 44.0 36.2 54.4



#71
Naphthalene
Concen: 0.292 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.003 min
Lab File: VV032309.D
Acq: 06 Oct 2023 18:20

Tgt Ion:128 Resp: 5825
Ion Ratio Lower Upper
128 100
129 10.0 9.0 13.4
127 9.7 10.2 15.2#

