

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102423\
 Data File : VW032600.D
 Acq On : 24 Oct 2023 19:18
 Operator : SY/MD
 Sample : 04992-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 25 05:57:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:52:45 2023
 Response via : Initial Calibration

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

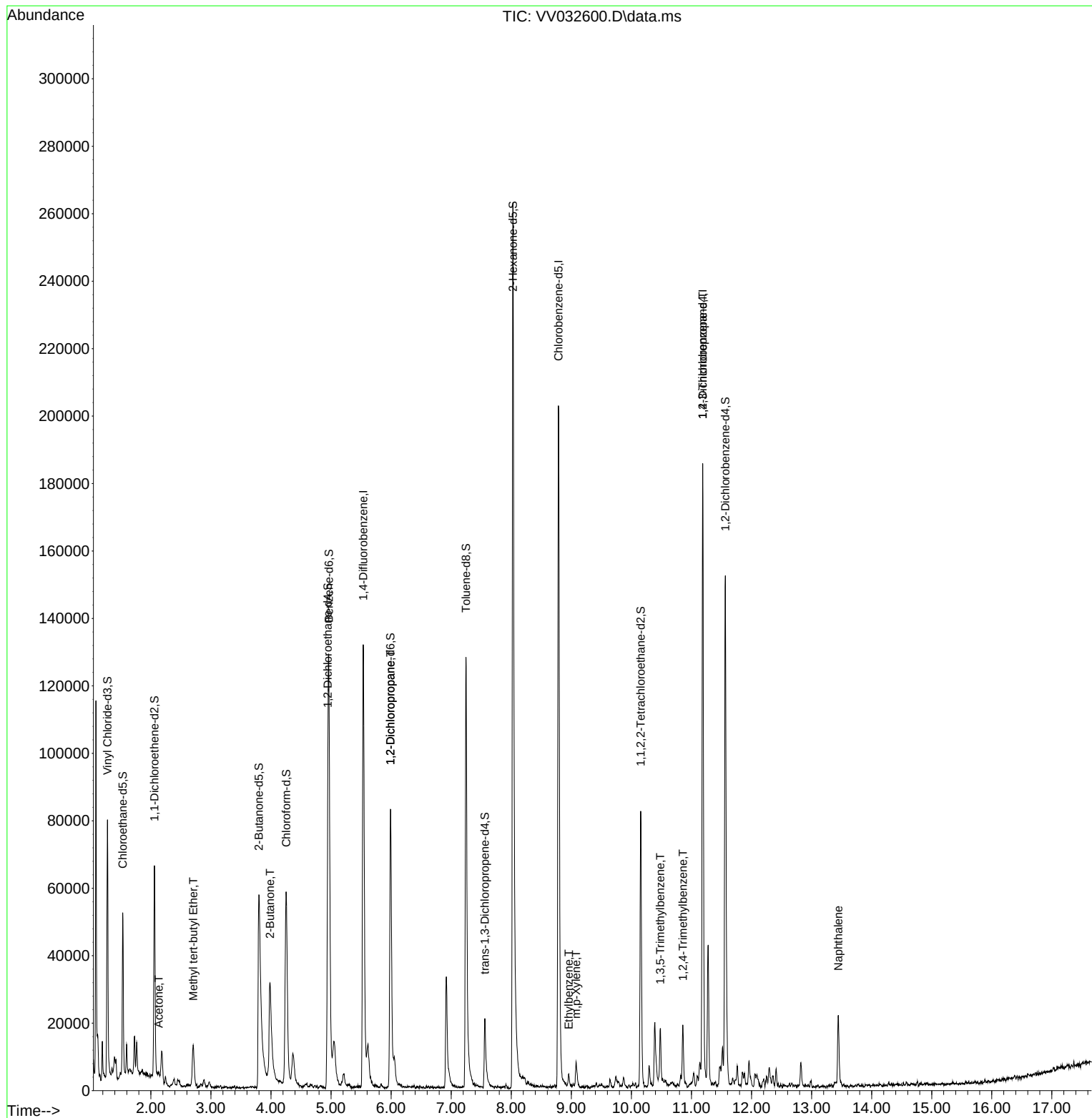
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	109173	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	115858	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	45453	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26222	2.953	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.000%
7) Chloroethane-d5	1.532	69	29430	4.083	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.060	65	10513	2.808	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.200%#
20) 2-Butanone-d5	3.799	46	115863	51.585	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.160%
24) Chloroform-d	4.252	84	60135	3.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
26) 1,2-Dichloroethane-d4	4.947	65	35512	4.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	4.963	84	111033	3.257	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.200%#
36) 1,2-Dichloropropane-d6	5.989	67	38732	3.429	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.600%
41) Toluene-d8	7.246	98	91350	2.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.600%#
43) trans-1,3-Dichloroprop...	7.561	79	13653	3.411	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.200%
46) 2-Hexanone-d5	8.027	63	93732	49.773	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.540%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	38305	4.849	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	34879	4.135	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds	Qvalue					
13) Acetone	2.134	43	3782	2.185	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	10904	0.500	ug/L #	86
21) 2-Butanone	3.986	43	51076	18.867	ug/L #	52
37) 1,2-Dichloropropane	5.989	63	5174	0.474	ug/L #	88
52) Ethylbenzene	8.956	91	2717	0.056	ug/L	100
53) m,p-Xylene	9.082	106	2080	0.116	ug/L	68
61) 1,2,3-Trichloropropane	11.188	75	5744	1.187	ug/L #	62
62) 1,3,5-Trimethylbenzene	10.480	105	9192	0.319	ug/L	96
63) 1,2,4-Trimethylbenzene	10.857	105	9380	0.327	ug/L	97
71) Naphthalene	13.445	128	16512	0.887	ug/L	100

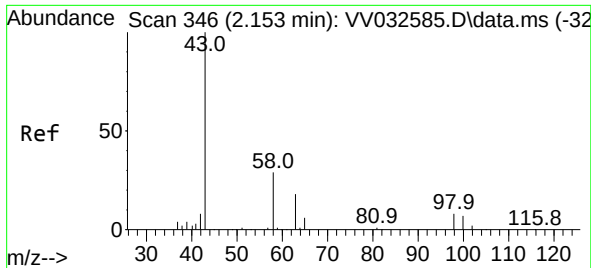
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 25 05:52:45 2023
Response via : Initial Calibration





#13

Acetone

Concen: 2.185 ug/L

RT: 2.134 min Scan# 34

Delta R.T. -0.019 min

Lab File: VV032600.D

Acq: 24 Oct 2023 19:18

Instrument :

MSVOA_V

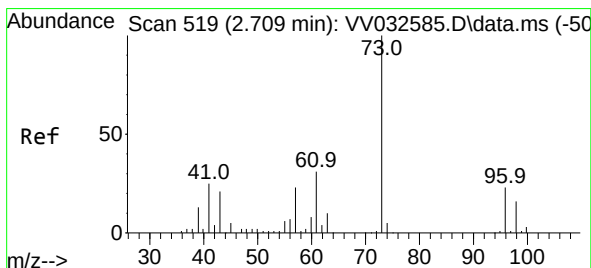
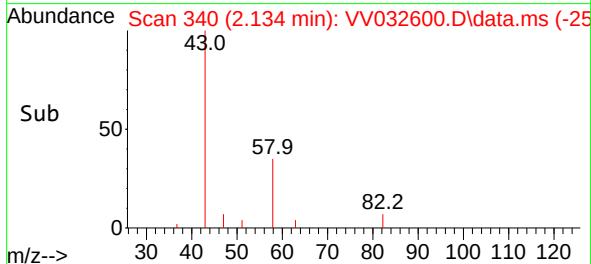
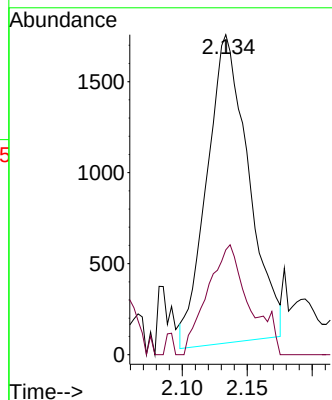
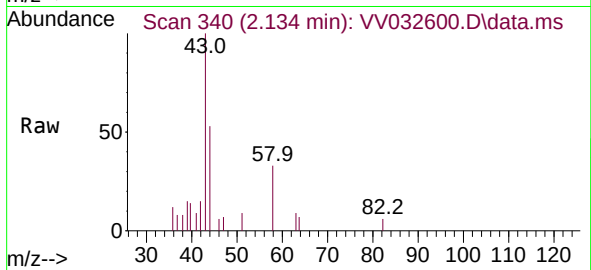
ClientSampleId :

Tgt Ion: 43 Resp: 3782

Ion Ratio Lower Upper

43 100

58 32.0 0.0 66.0



#17

Methyl tert-butyl Ether

Concen: 0.500 ug/L

RT: 2.706 min Scan# 518

Delta R.T. -0.003 min

Lab File: VV032600.D

Acq: 24 Oct 2023 19:18

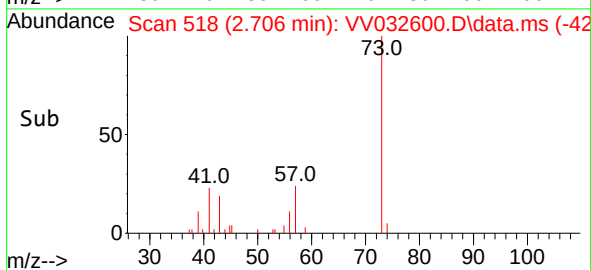
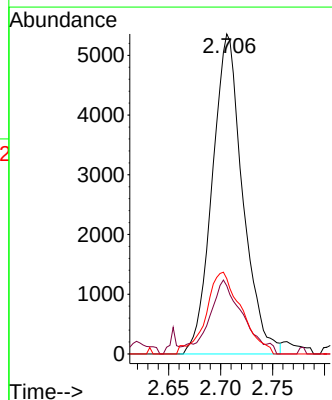
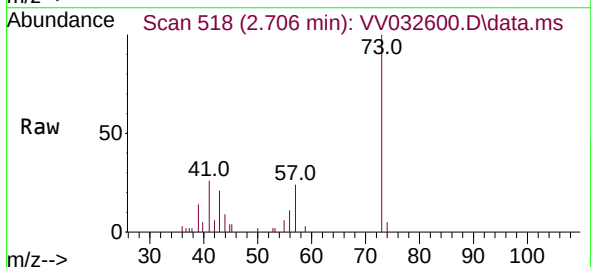
Tgt Ion: 73 Resp: 10904

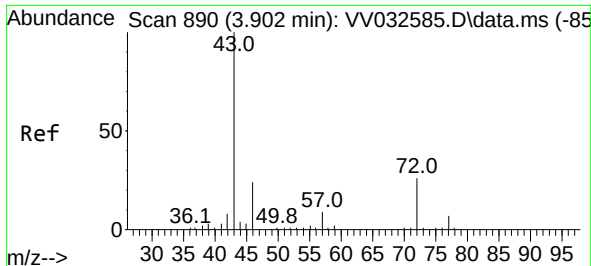
Ion Ratio Lower Upper

73 100

43 25.4 15.1 22.7#

57 29.5 18.3 27.5#

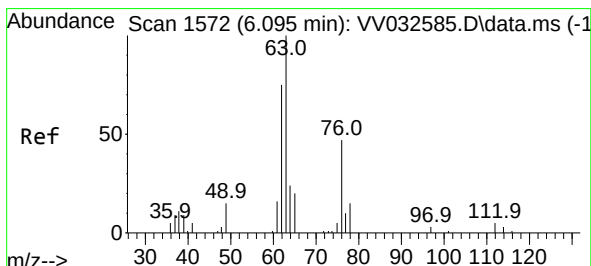
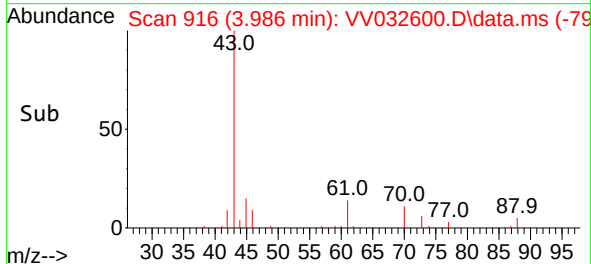
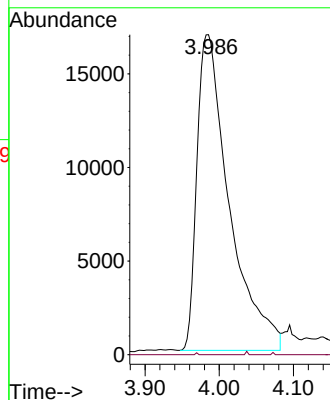
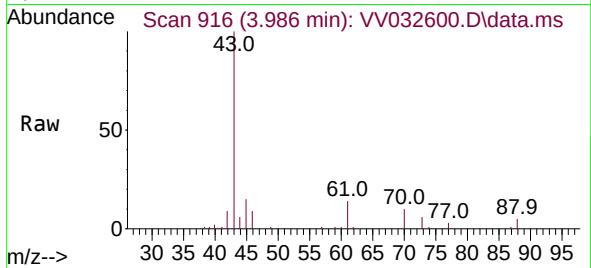




#21
2-Butanone
Concen: 18.867 ug/L
RT: 3.986 min Scan# 916
Delta R.T. 0.084 min
Lab File: VV032600.D
Acq: 24 Oct 2023 19:18

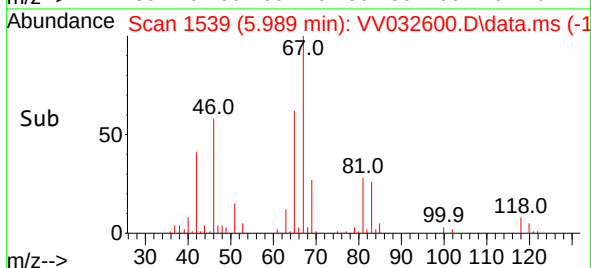
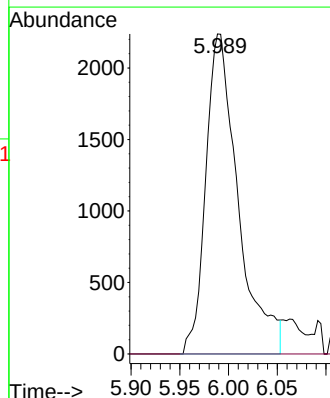
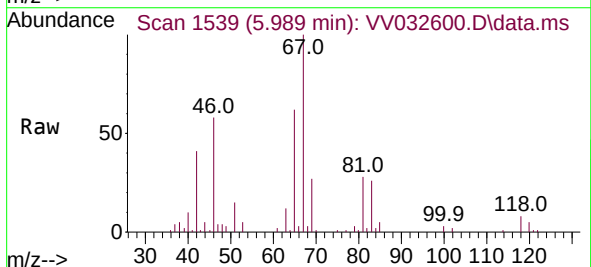
Instrument :
MSVOA_V
ClientSampleId :

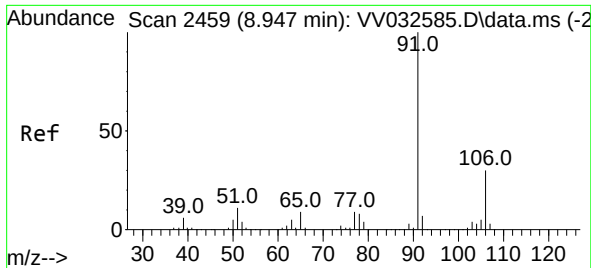
Tgt Ion: 43 Resp: 51076
Ion Ratio Lower Upper
43 100
72 0.0 11.6 34.8#



#37
1,2-Dichloropropane
Concen: 0.474 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.106 min
Lab File: VV032600.D
Acq: 24 Oct 2023 19:18

Tgt Ion: 63 Resp: 5174
Ion Ratio Lower Upper
63 100
112 0.4 3.4 5.2#

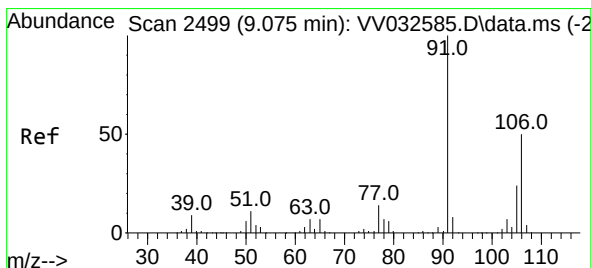
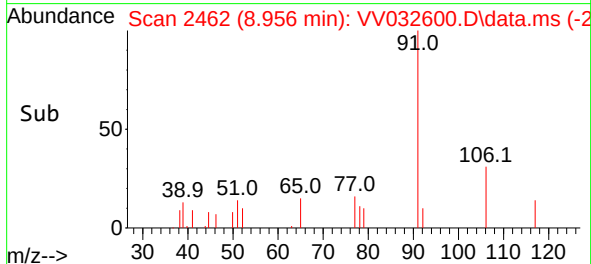
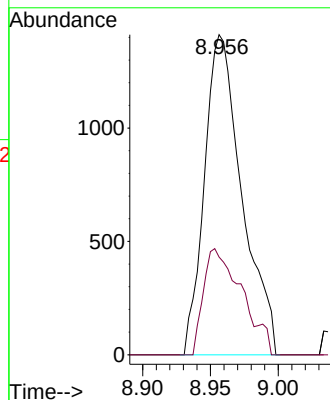
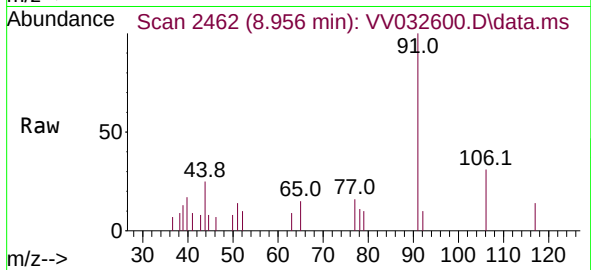




#52
Ethylbenzene
Concen: 0.056 ug/L
RT: 8.956 min Scan# 2459
Delta R.T. 0.010 min
Lab File: VV032600.D
Acq: 24 Oct 2023 19:18

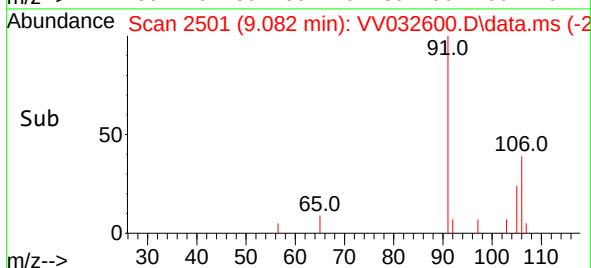
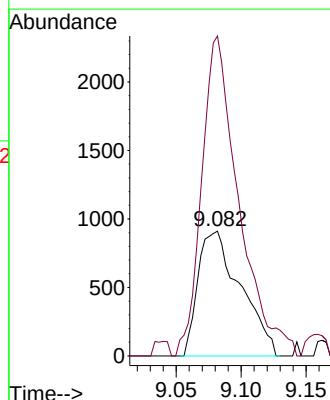
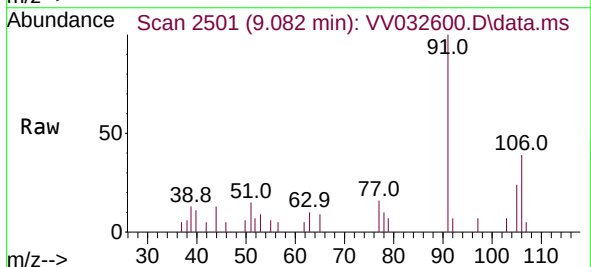
Instrument :
MSVOA_V
ClientSampleId :

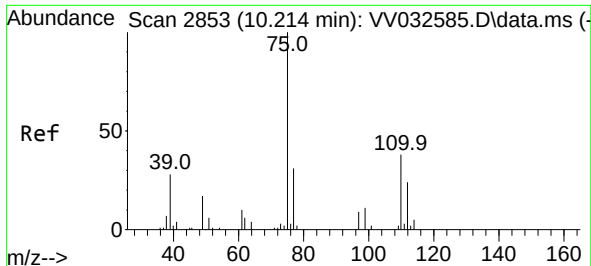
Tgt Ion: 91 Resp: 2717
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.5



#53
m,p-Xylene
Concen: 0.116 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.006 min
Lab File: VV032600.D
Acq: 24 Oct 2023 19:18

Tgt Ion: 106 Resp: 2080
Ion Ratio Lower Upper
106 100
91 256.4 144.5 268.3





#61

1,2,3-Trichloropropane

Concen: 1.187 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.974 min

Lab File: VV032600.D

Acq: 24 Oct 2023 19:18

Instrument :

MSVOA_V

ClientSampleId :

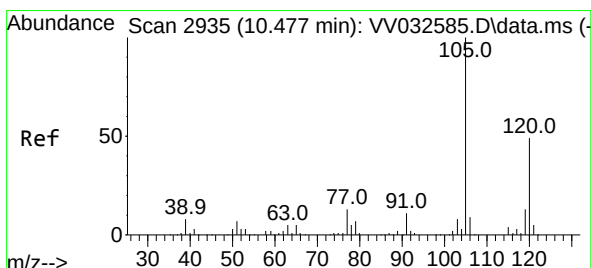
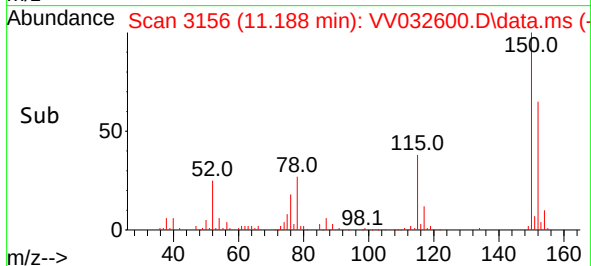
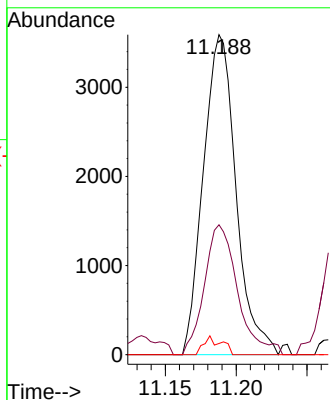
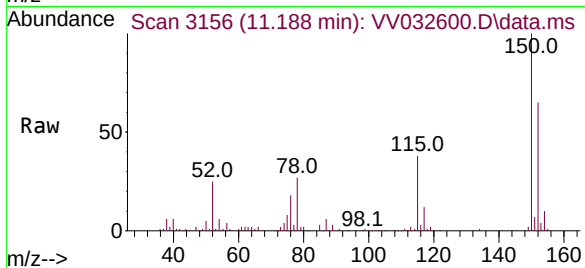
Tgt Ion: 75 Resp: 5744

Ion Ratio Lower Upper

75 100

77 41.3 26.2 39.2#

110 3.2 30.6 46.0#



#62

1,3,5-Trimethylbenzene

Concen: 0.319 ug/L

RT: 10.480 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VV032600.D

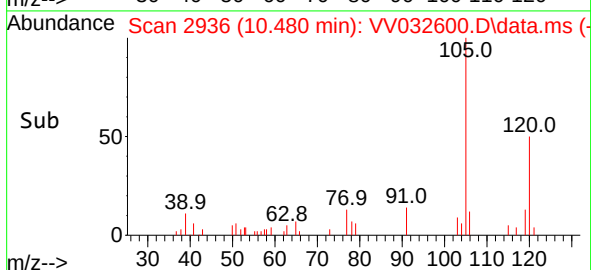
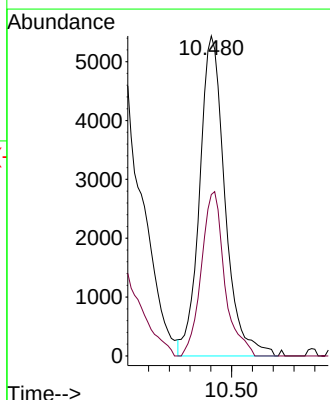
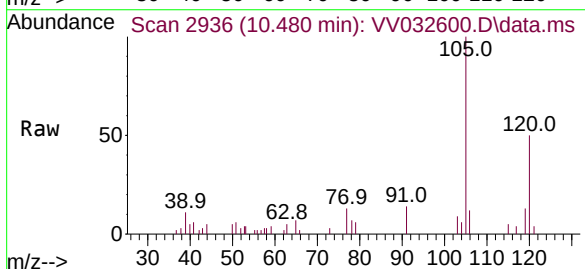
Acq: 24 Oct 2023 19:18

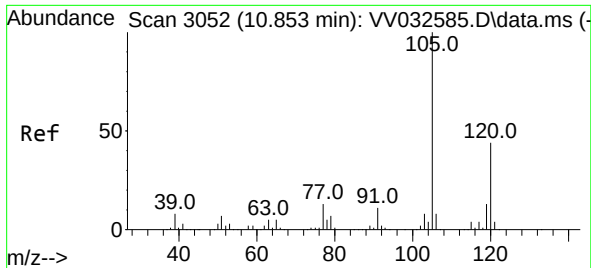
Tgt Ion: 105 Resp: 9192

Ion Ratio Lower Upper

105 100

120 47.2 39.9 59.9

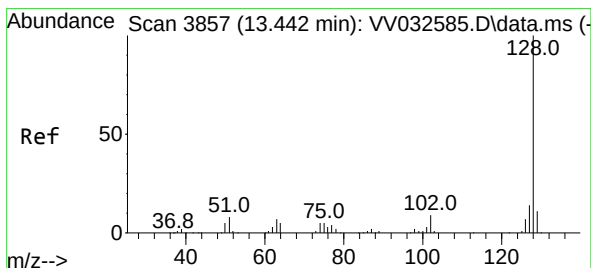
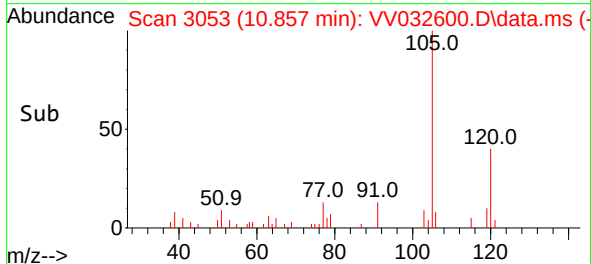
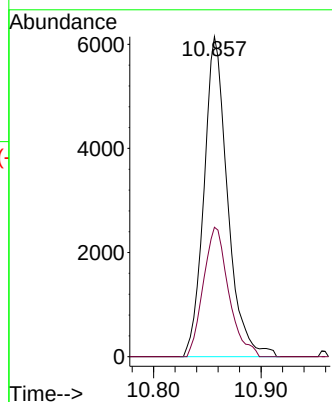
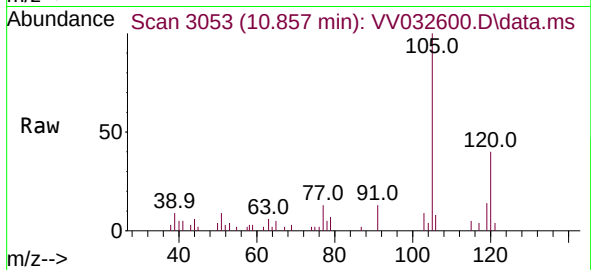




#63
1,2,4-Trimethylbenzene
Concen: 0.327 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.003 min
Lab File: VV032600.D
Acq: 24 Oct 2023 19:18

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 9380
Ion Ratio Lower Upper
105 100
120 43.4 36.2 54.4



#71
Naphthalene
Concen: 0.887 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.003 min
Lab File: VV032600.D
Acq: 24 Oct 2023 19:18

Tgt Ion:128 Resp: 16512
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 12.8 10.2 15.2

