

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091323\
 Data File : VW032079.D
 Acq On : 13 Sep 2023 16:16
 Operator : SY/MD
 Sample : 04330-02ME
 Misc : 6.22g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 14 06:23:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 14 06:19:55 2023
 Response via : Initial Calibration

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

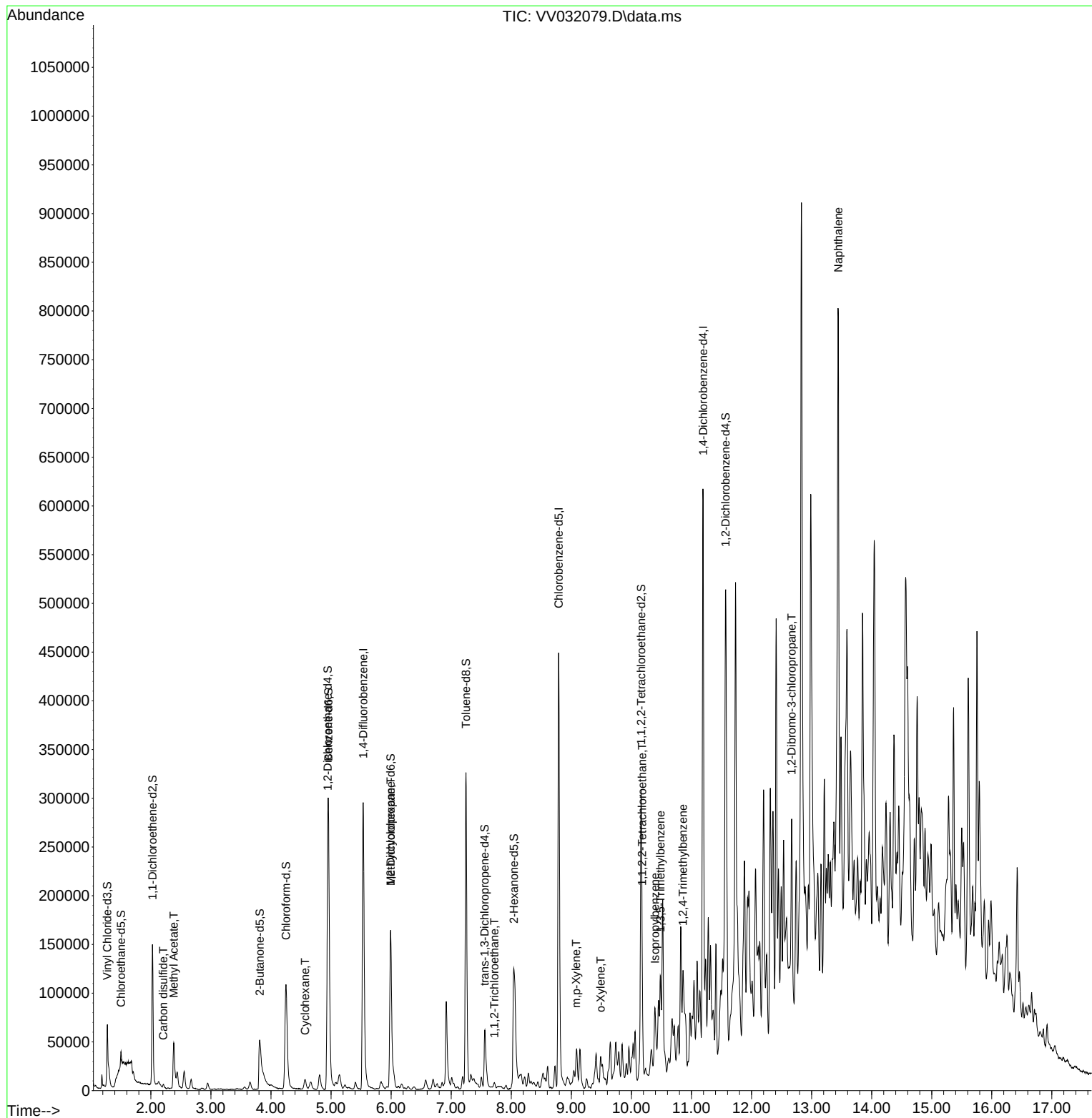
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	267481	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	256374	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	138816	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	59437	35.506	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.020%
7) Chloroethane-d5	1.503	69	16915	11.527	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	23.060%#
11) 1,1-Dichloroethene-d2	2.027	65	25261	32.227	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.460%
21) 2-Butanone-d5	3.812	46	117805	89.477	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.480%
24) Chloroform-d	4.249	84	121589	33.231	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.460%#
26) 1,2-Dichloroethane-d4	4.944	65	81832	33.701	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.400%#
32) Benzene-d6	4.957	84	252778	36.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.260%
36) 1,2-Dichloropropane-d6	5.992	67	89078	39.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.120%
41) Toluene-d8	7.246	98	218654	33.922	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.840%#
43) trans-1,3-Dichloroprop...	7.558	79	39170	33.563	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.120%
47) 2-Hexanone-d5	8.043	63	73823	106.969	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.970%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	120980	41.578	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.160%
66) 1,2-Dichlorobenzene-d4	11.567	152	90945	35.939	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.880%#
Target Compounds						Qvalue
14) Carbon disulfide	2.208	76	4045	1.266	ug/L #	90
15) Methyl Acetate	2.381	43	63421	30.346	ug/L	97
29) Cyclohexane	4.568	56	3230	1.210	ug/L #	74
35) Methylcyclohexane	5.992	83	19471	6.949	ug/L #	18
45) 1,1,2-Trichloroethane	7.719	97	2208	1.119	ug/L #	20
53) m,p-Xylene	9.082	106	6382	1.915	ug/L	99
54) o-Xylene	9.487	106	7272	2.194	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.178	83	5403	1.935	ug/L #	55
60) Isopropylbenzene	10.394	105	23424	2.519	ug/L	92
62) 1,3,5-Trimethylbenzene	10.484	105	25257	3.229	ug/L	97
63) 1,2,4-Trimethylbenzene	10.860	105	36579	4.649	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.667	75	1069	1.357	ug/L #	6
71) Naphthalene	13.445	128	399799	42.916	ug/L	98

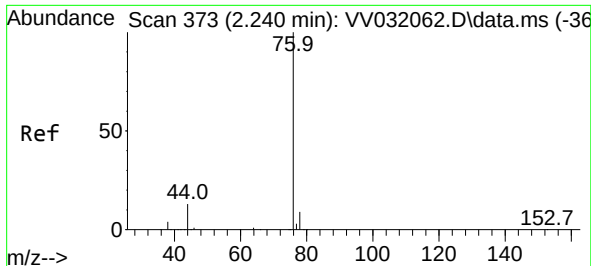
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 14 06:19:55 2023
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 1.266 ug/L

RT: 2.208 min Scan# 3

Delta R.T. -0.032 min

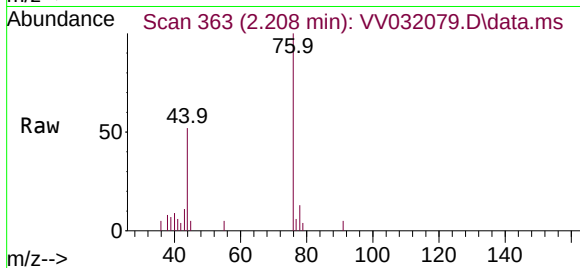
Lab File: VV032079.D

Acq: 13 Sep 2023 16:16

Instrument :

MSVOA_V

ClientSampleId :

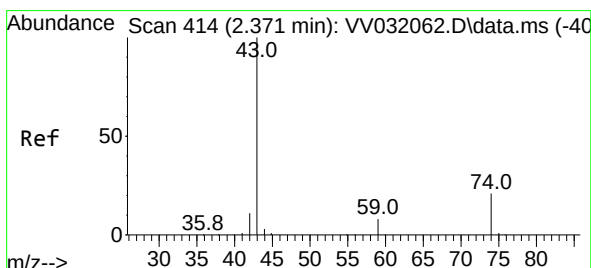
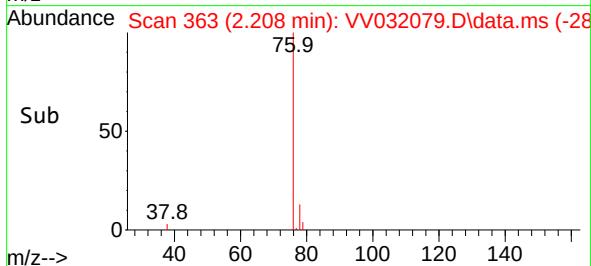
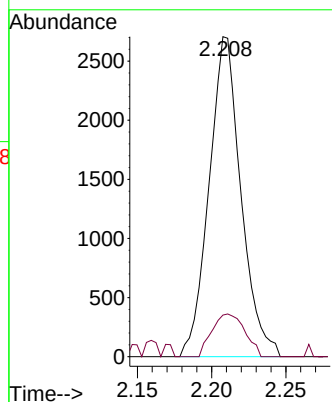


Tgt Ion: 76 Resp: 4045

Ion Ratio Lower Upper

76 100

78 13.0 7.4 11.0#



#15

Methyl Acetate

Concen: 30.346 ug/L

RT: 2.381 min Scan# 417

Delta R.T. 0.010 min

Lab File: VV032079.D

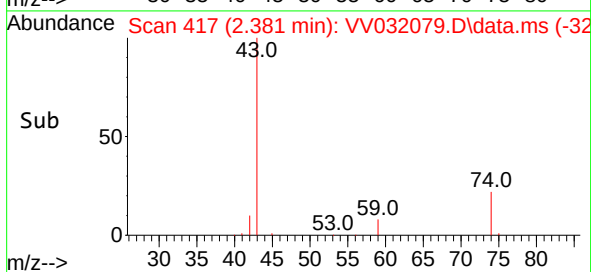
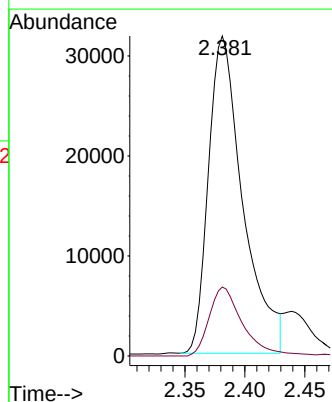
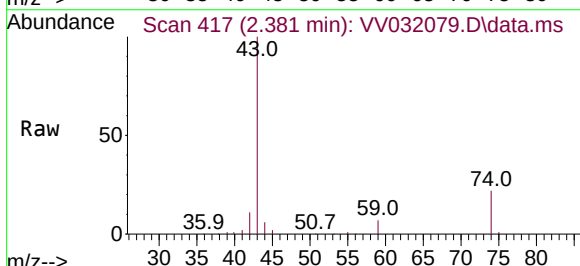
Acq: 13 Sep 2023 16:16

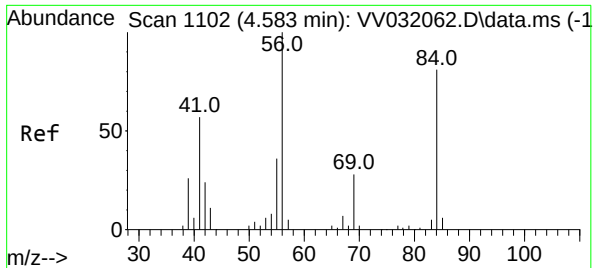
Tgt Ion: 43 Resp: 63421

Ion Ratio Lower Upper

43 100

74 21.2 17.9 26.9

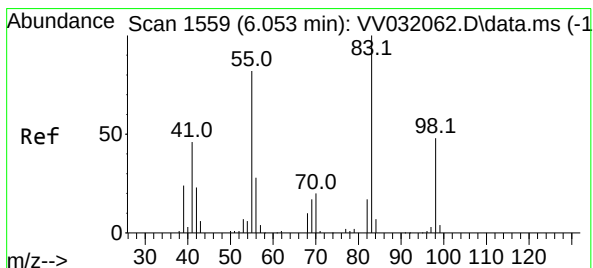
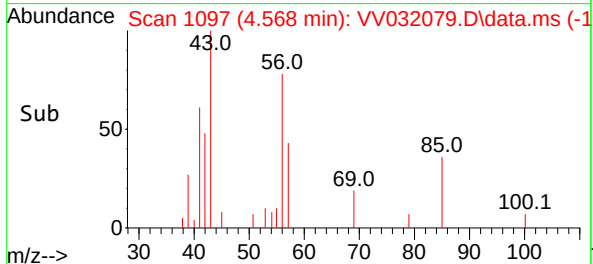
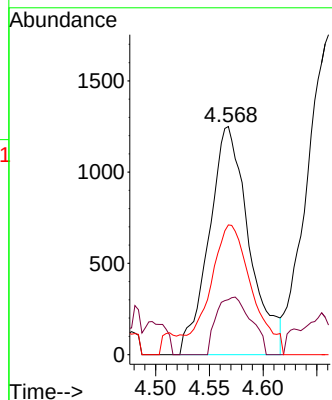
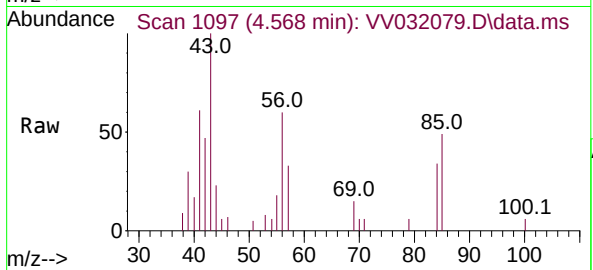




#29
Cyclohexane
Concen: 1.210 ug/L
RT: 4.568 min Scan# 1102
Delta R.T. -0.016 min
Lab File: VV032079.D
Acq: 13 Sep 2023 16:16

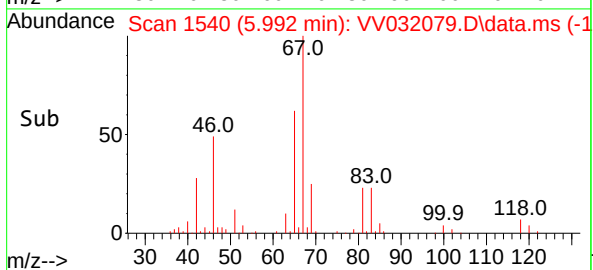
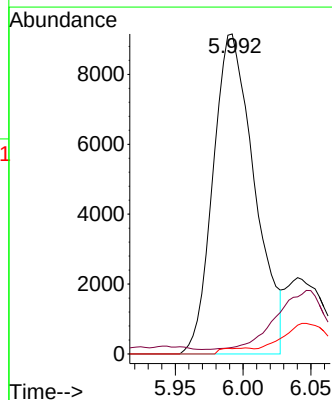
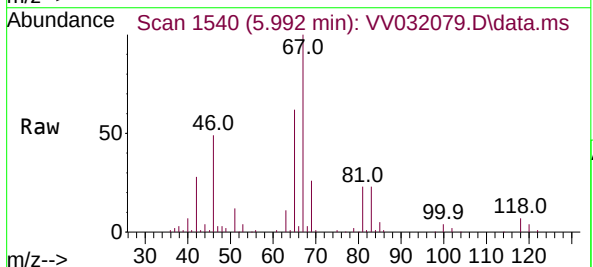
Instrument :
MSVOA_V
ClientSampleId :

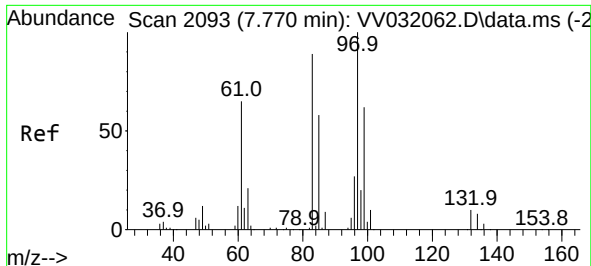
Tgt Ion: 56 Resp: 3230
Ion Ratio Lower Upper
56 100
69 21.7 24.2 36.4#
84 58.0 67.5 101.3#



#35
Methylcyclohexane
Concen: 6.949 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.061 min
Lab File: VV032079.D
Acq: 13 Sep 2023 16:16

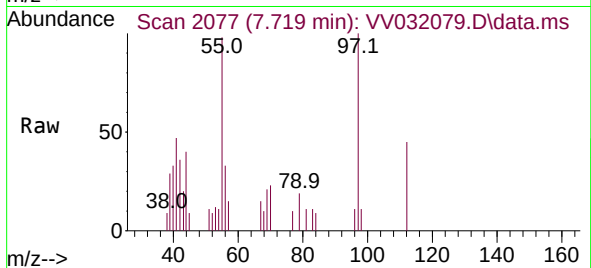
Tgt Ion: 83 Resp: 19471
Ion Ratio Lower Upper
83 100
55 0.2 62.2 93.2#
98 0.6 36.7 55.1#



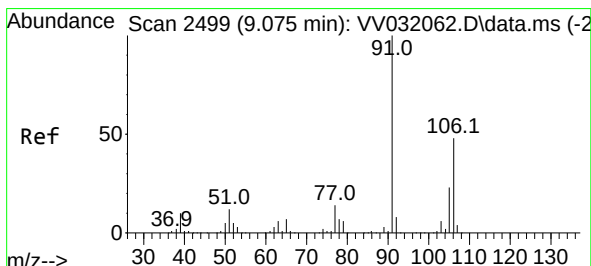
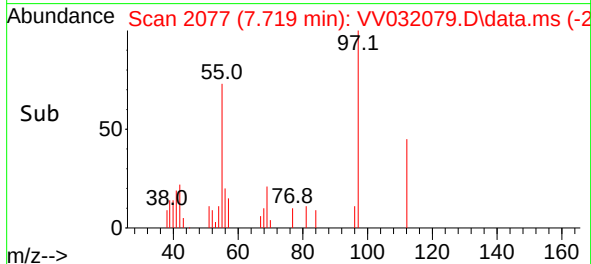
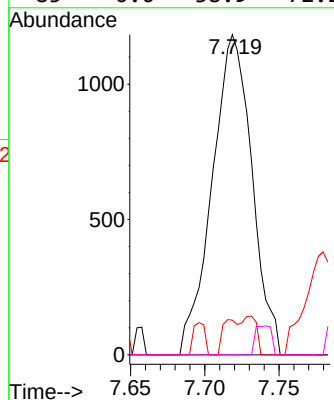


#45
 1,1,2-Trichloroethane
 Concen: 1.119 ug/L
 RT: 7.719 min Scan# 2093
 Delta R.T. -0.051 min
 Lab File: VV032079.D
 Acq: 13 Sep 2023 16:16

Instrument :
 MSVOA_V
 ClientSampleId :

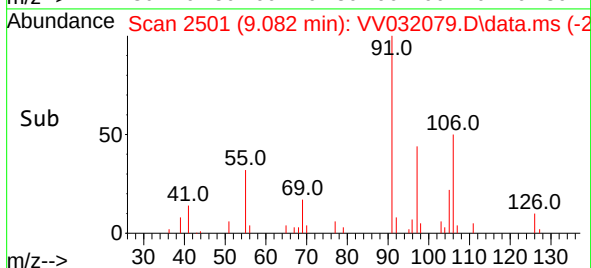
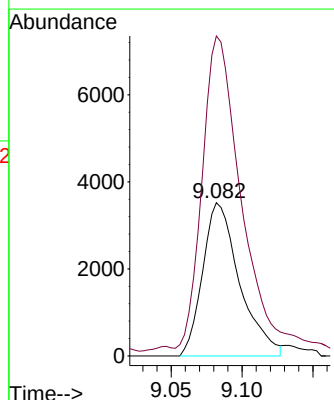
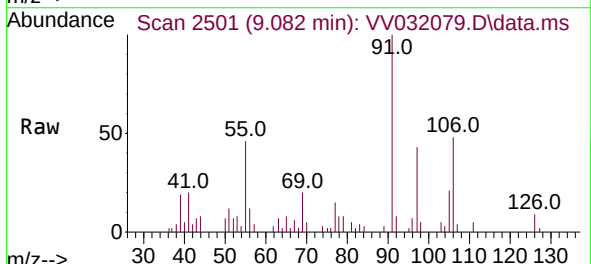


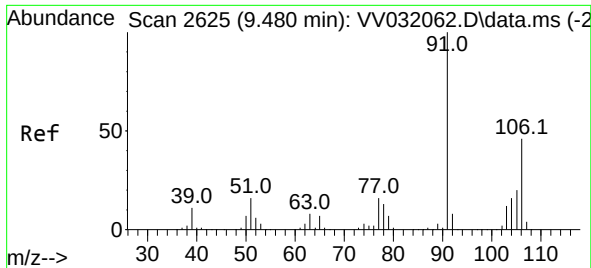
Tgt Ion: 97	Resp: 2208
Ion Ratio	Lower Upper
97 100	
99 0.0	43.0 79.8#
83 10.8	61.2 113.6#
85 0.0	38.9 72.2#



#53
 m,p-Xylene
 Concen: 1.915 ug/L
 RT: 9.082 min Scan# 2501
 Delta R.T. 0.007 min
 Lab File: VV032079.D
 Acq: 13 Sep 2023 16:16

Tgt Ion:106	Resp:	6382	
Ion	Ratio	Lower	Upper
106	100		
91	208.9	147.0	273.0

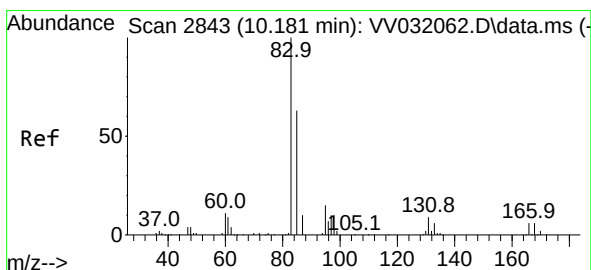
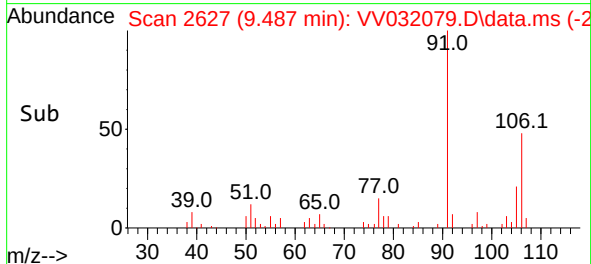
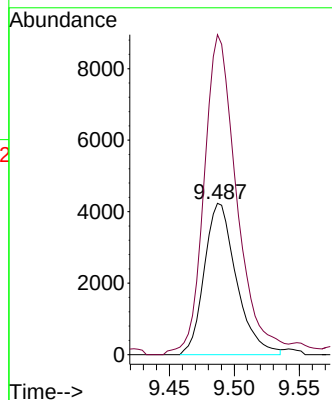
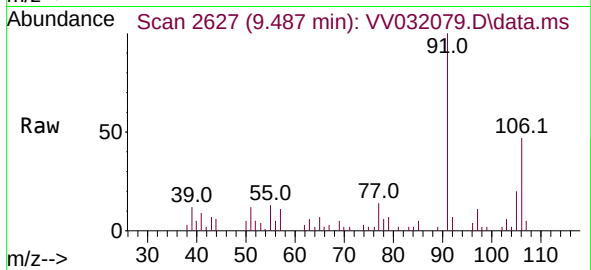




#54
o-Xylene
Concen: 2.194 ug/L
RT: 9.487 min Scan# 2625
Delta R.T. 0.007 min
Lab File: VV032079.D
Acq: 13 Sep 2023 16:16

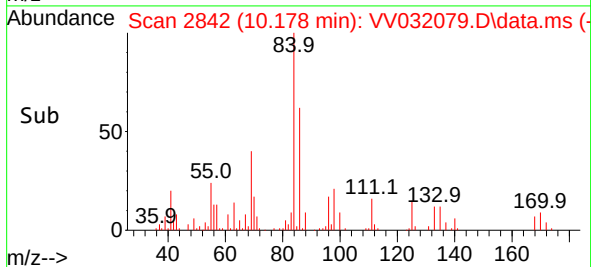
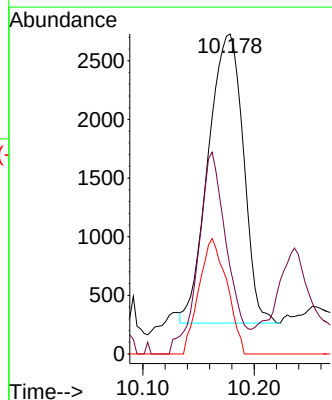
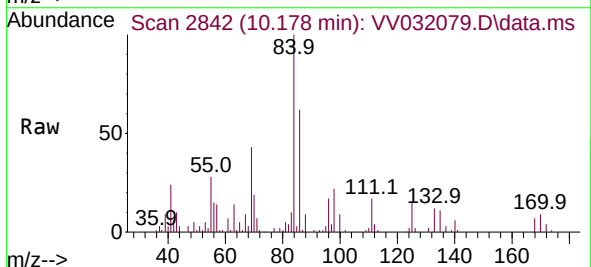
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MSVOA_V
ClientSampleId :

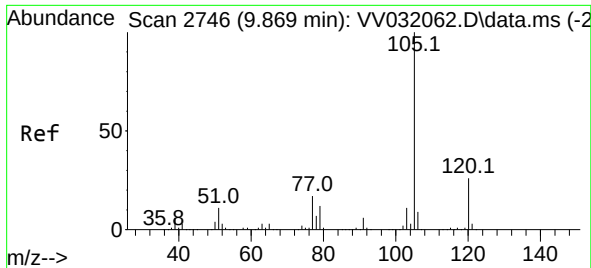
Tgt Ion:106 Resp: 7272
Ion Ratio Lower Upper
106 100
91 211.5 154.3 286.5



#57
1,1,2,2-Tetrachloroethane
Concen: 1.935 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.003 min
Lab File: VV032079.D
Acq: 13 Sep 2023 16:16

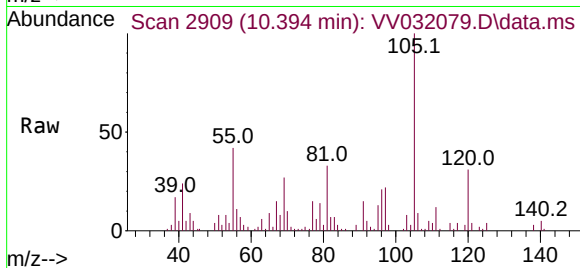
Tgt Ion: 83 Resp: 5403
Ion Ratio Lower Upper
83 100
85 27.0 45.1 83.9#
131 18.4 7.4 11.2#



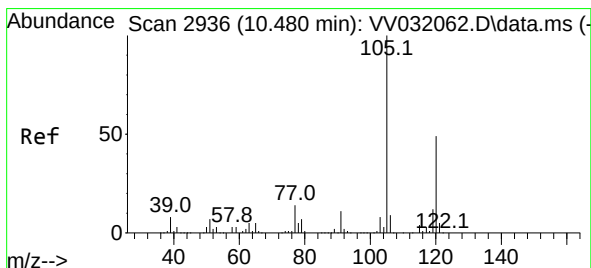
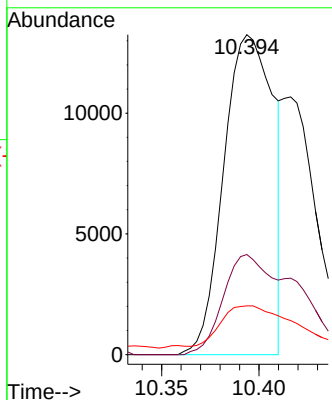
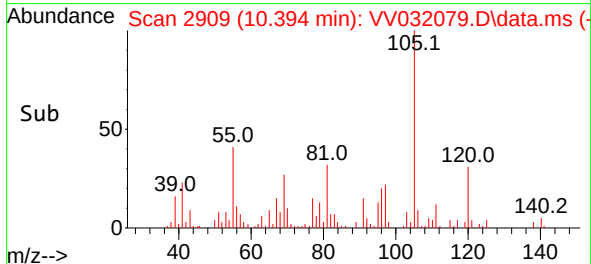


#60
Isopropylbenzene
Concen: 2.519 ug/L
RT: 10.394 min Scan# 2909
Delta R.T. 0.524 min
Lab File: VV032079.D
Acq: 13 Sep 2023 16:16

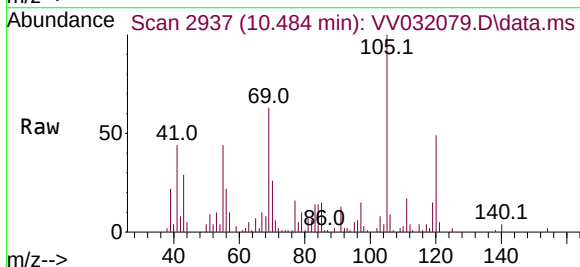
Instrument :
MSVOA_V
ClientSampleId :



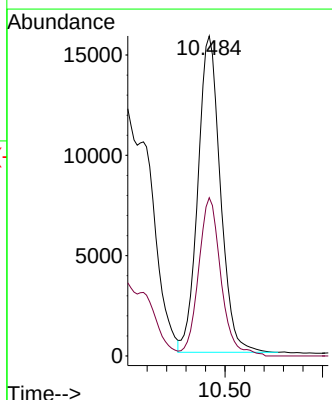
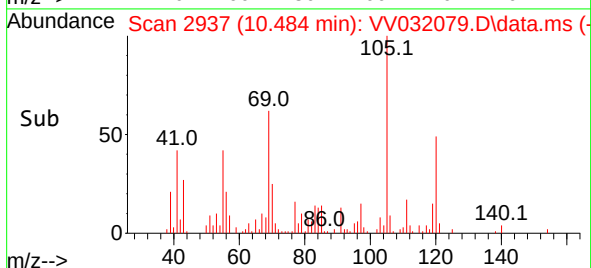
Tgt Ion:105 Resp: 23424
Ion Ratio Lower Upper
105 100
120 30.6 20.6 31.0
77 18.1 12.8 19.2

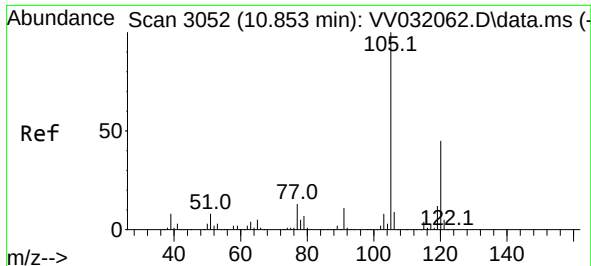


#62
1,3,5-Trimethylbenzene
Concen: 3.229 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VV032079.D
Acq: 13 Sep 2023 16:16



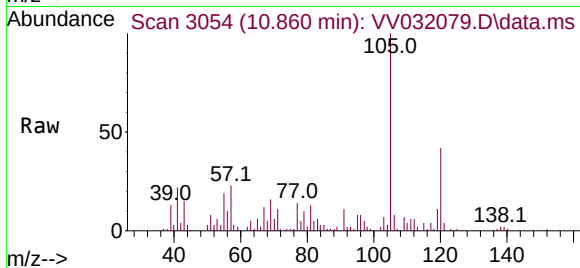
Tgt Ion:105 Resp: 25257
Ion Ratio Lower Upper
105 100
120 50.0 38.2 57.4



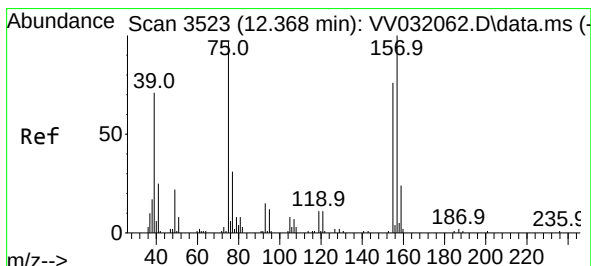
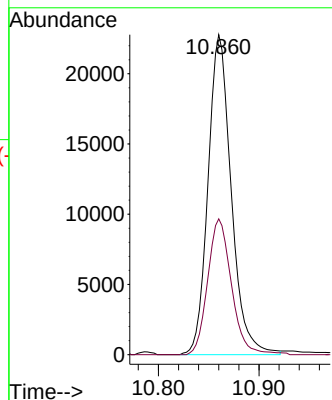
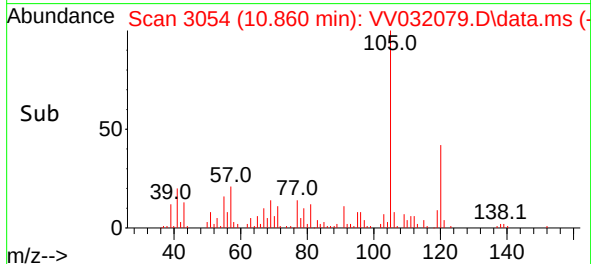


#63
 1,2,4-Trimethylbenzene
 Concen: 4.649 ug/L
 RT: 10.860 min Scan# 3052
 Delta R.T. 0.007 min
 Lab File: VV032079.D
 Acq: 13 Sep 2023 16:16

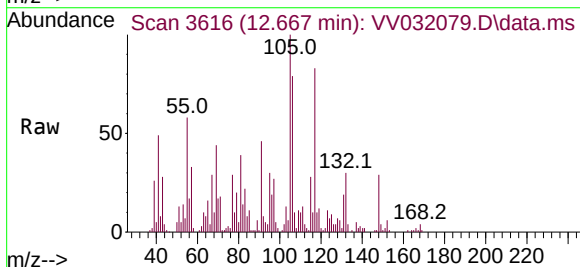
Instrument :
 MSVOA_V
 ClientSampleId :



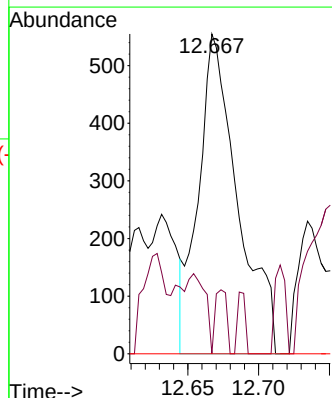
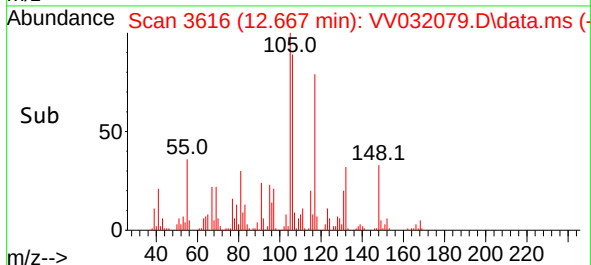
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 Ion Ratio Lower Upper
 105 100
 120 43.5 35.9 53.9

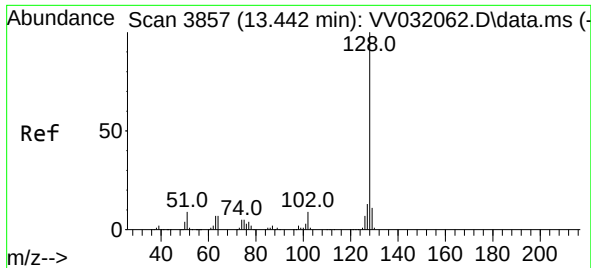


#68
 1,2-Dibromo-3-chloropropane
 Concen: 1.357 ug/L
 RT: 12.667 min Scan# 3616
 Delta R.T. 0.299 min
 Lab File: VV032079.D
 Acq: 13 Sep 2023 16:16



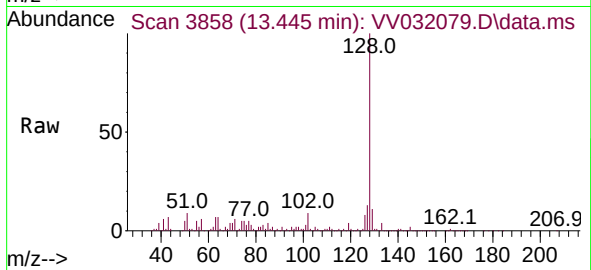
Tgt Ion: 75 Resp: 1069
 Ion Ratio Lower Upper
 75 100
 155 0.0 60.1 90.1#
 157 0.0 77.3 115.9#





#71
Naphthalene
Concen: 42.916 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.003 min
Lab File: VV032079.D
Acq: 13 Sep 2023 16:16

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 399799
Ion Ratio Lower Upper
128 100
127 12.4 10.4 15.6
129 11.5 8.7 13.1

