

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102423\
 Data File : VV032601.D
 Acq On : 24 Oct 2023 19:43
 Operator : SY/MD
 Sample : 04992-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ1

Quant Time: Oct 25 05:57:35 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)

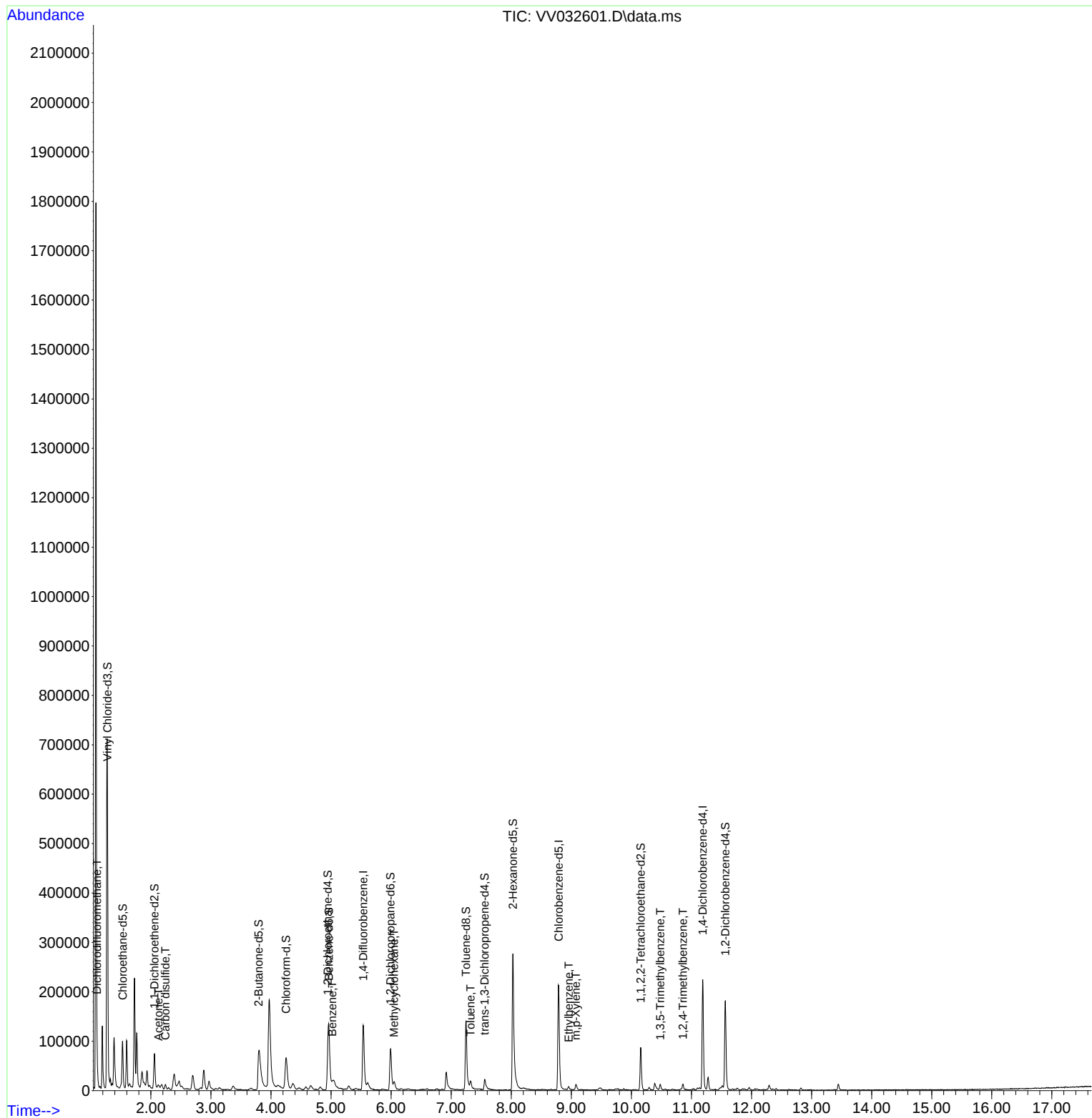
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	109494	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	119184	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	54915	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26947	3.026	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.600%
7) Chloroethane-d5	1.532	69	30705	4.248	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.060	65	11079	2.950	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.000%#
20) 2-Butanone-d5	3.796	46	119088	52.865	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.740%
24) Chloroform-d	4.249	84	63942	4.070	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
26) 1,2-Dichloroethane-d4	4.947	65	35887	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	4.963	84	114742	3.272	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.400%#
36) 1,2-Dichloropropane-d6	5.989	67	39802	3.425	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.600%
41) Toluene-d8	7.246	98	97750	3.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.000%#
43) trans-1,3-Dichloroprop...	7.558	79	14931	3.626	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.027	63	98086	50.632	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.260%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	40360	4.966	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	43768	4.295	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	3441	0.282	ug/L	99
13) Acetone	2.127	43	8439	4.860	ug/L	85
14) Carbon disulfide	2.243	76	10232	0.364	ug/L	97
33) Benzene	5.018	78	11482	0.274	ug/L	100
35) Methylcyclohexane	6.050	83	3386	0.191	ug/L #	79
42) Toluene	7.323	91	12884	0.288	ug/L	95
52) Ethylbenzene	8.957	91	4716	0.095	ug/L	99
53) m,p-Xylene	9.079	106	3021	0.164	ug/L	98
62) 1,3,5-Trimethylbenzene	10.481	105	5831	0.168	ug/L	96
63) 1,2,4-Trimethylbenzene	10.860	105	6497	0.188	ug/L	95

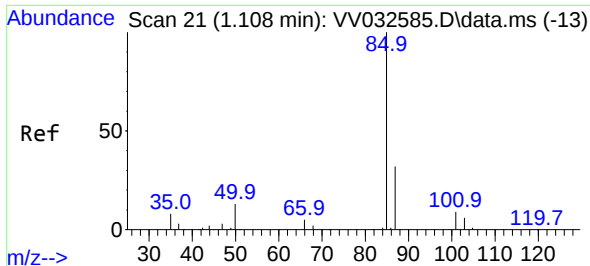
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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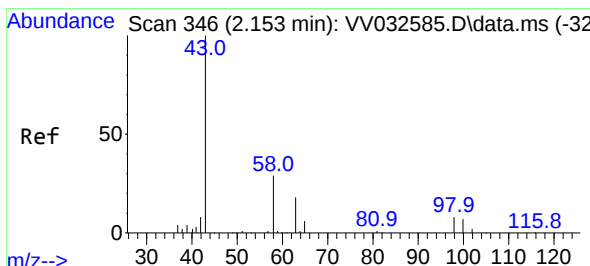
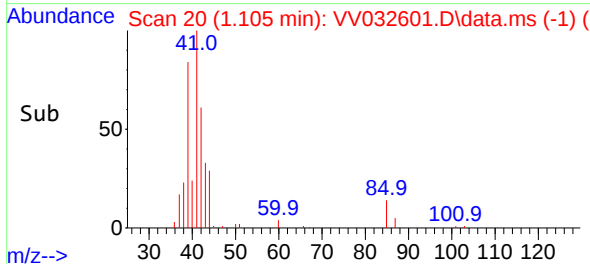
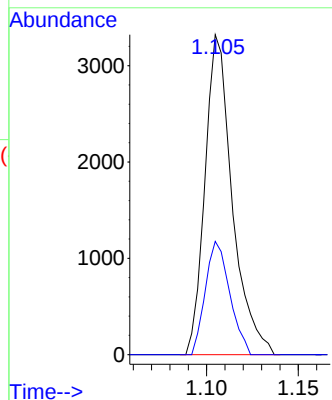
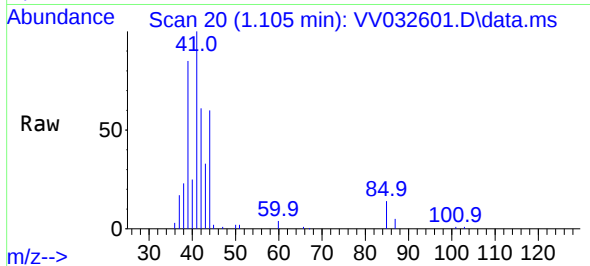




#2
Dichlorodifluoromethane
Concen: 0.282 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV032601.D
Acq: 24 Oct 2023 19:43

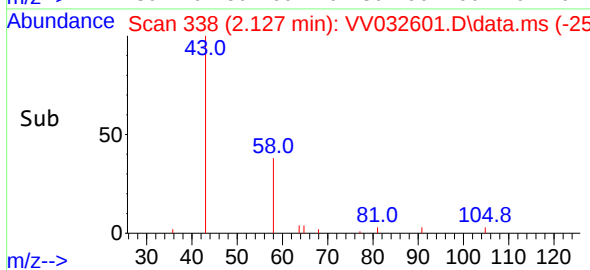
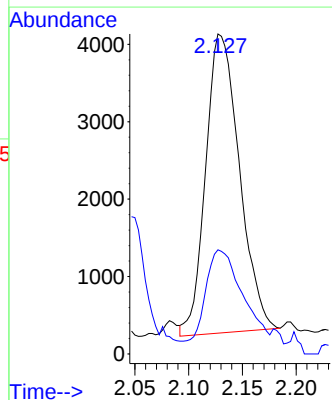
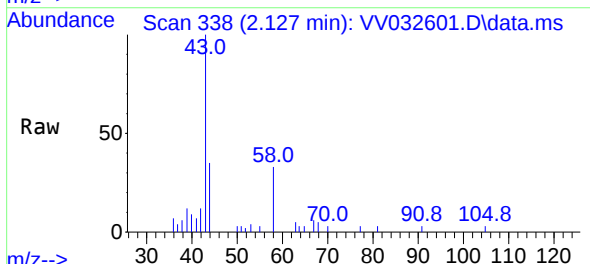
Instrument :
MSVOA_V
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C0AJ1

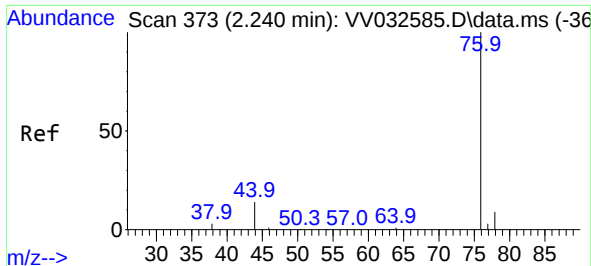
Tgt Ion: 85 Resp: 3441
Ion Ratio Lower Upper
85 100
87 31.6 25.5 38.3



#13
Acetone
Concen: 4.860 ug/L
RT: 2.127 min Scan# 338
Delta R.T. -0.026 min
Lab File: VV032601.D
Acq: 24 Oct 2023 19:43

Tgt Ion: 43 Resp: 8439
Ion Ratio Lower Upper
43 100
58 41.3 0.0 66.0

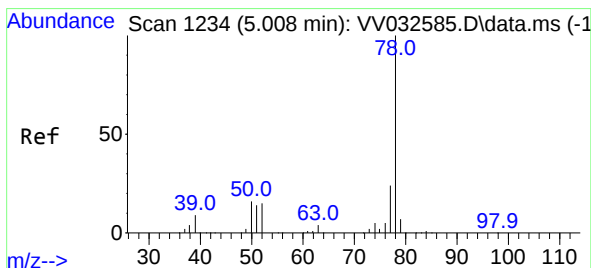
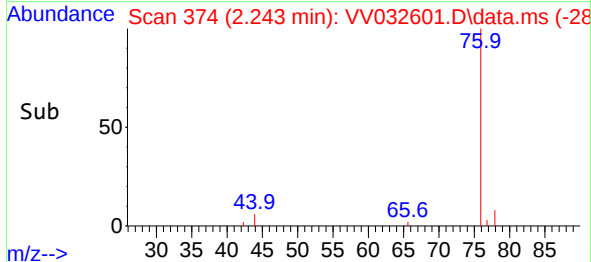
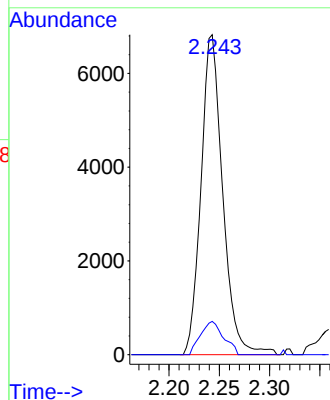
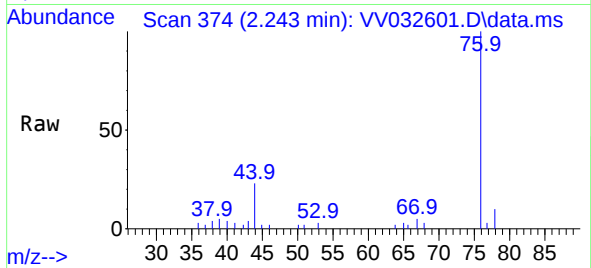




#14
Carbon disulfide
Concen: 0.364 ug/L
RT: 2.243 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV032601.D
Acq: 24 Oct 2023 19:43

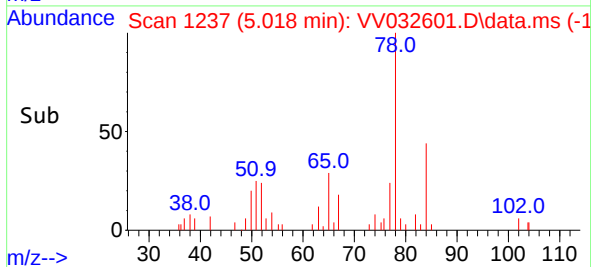
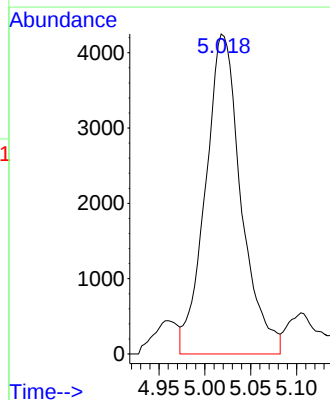
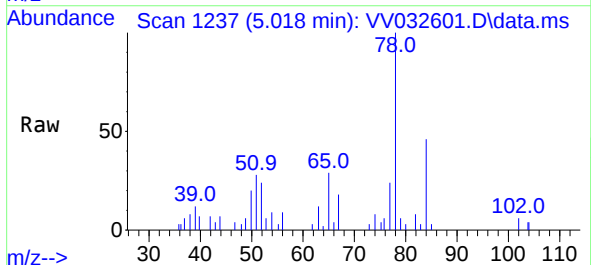
Instrument :
MSVOA_V
ClientSampleId :
C0AJ1

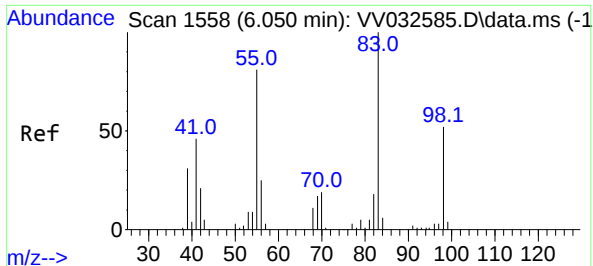
Tgt Ion: 76 Resp: 10232
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.2



#33
Benzene
Concen: 0.274 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.010 min
Lab File: VV032601.D
Acq: 24 Oct 2023 19:43

Tgt Ion: 78 Resp: 11482

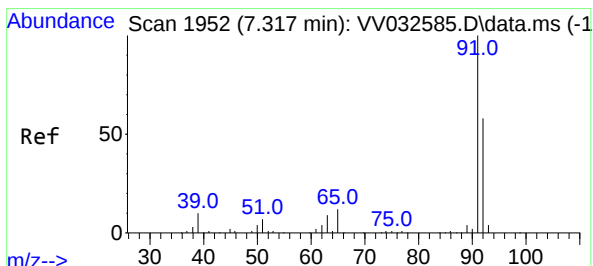
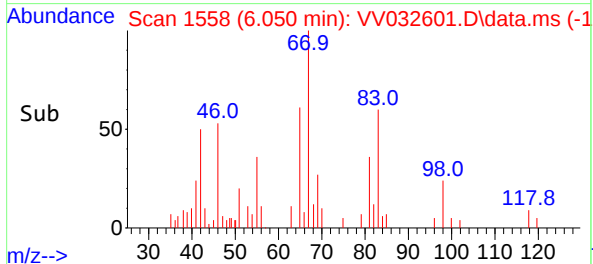
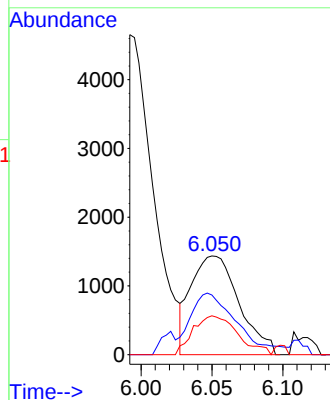
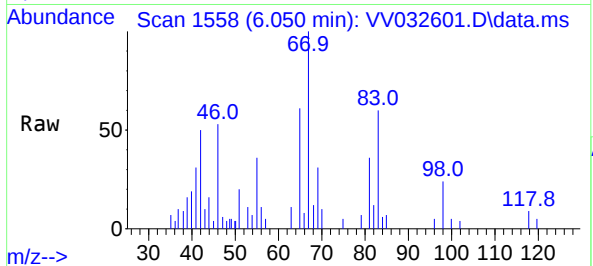




#35
Methylcyclohexane
Concen: 0.191 ug/L
RT: 6.050 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032601.D
Acq: 24 Oct 2023 19:43

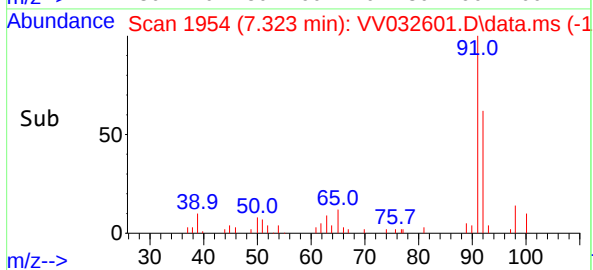
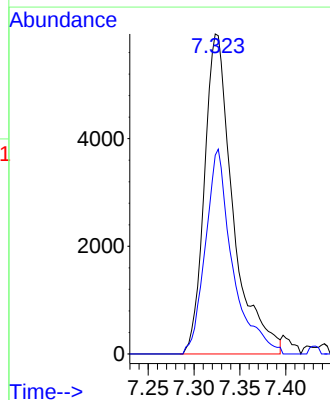
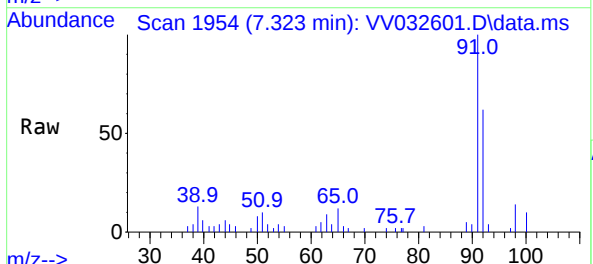
Instrument :
MSVOA_V
ClientSampleId :
C0AJ1

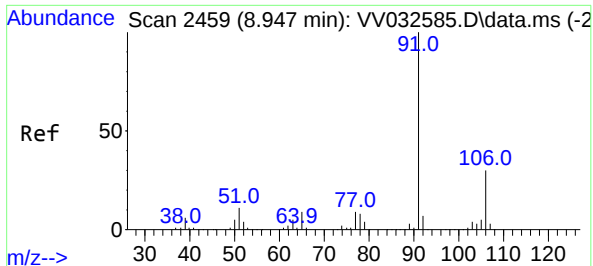
Tgt Ion: 83 Resp: 3386
Ion Ratio Lower Upper
83 100
55 60.7 64.2 96.2#
98 36.4 39.6 59.4#



#42
Toluene
Concen: 0.288 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.007 min
Lab File: VV032601.D
Acq: 24 Oct 2023 19:43

Tgt Ion: 91 Resp: 12884
Ion Ratio Lower Upper
91 100
92 62.1 40.8 75.8

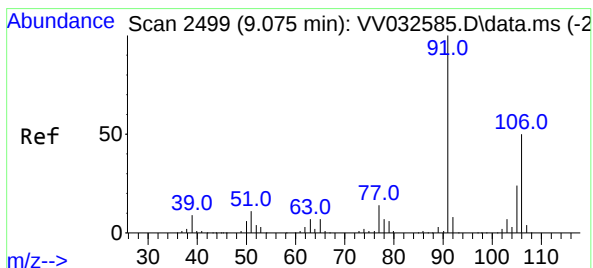
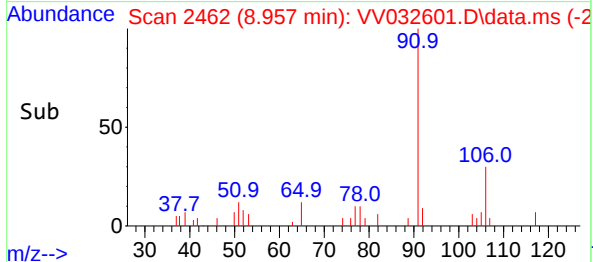
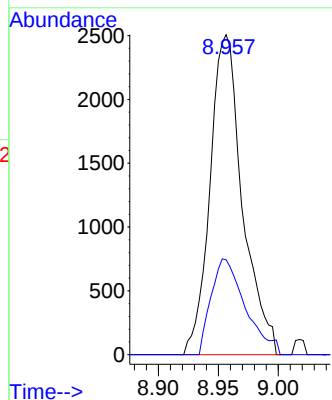
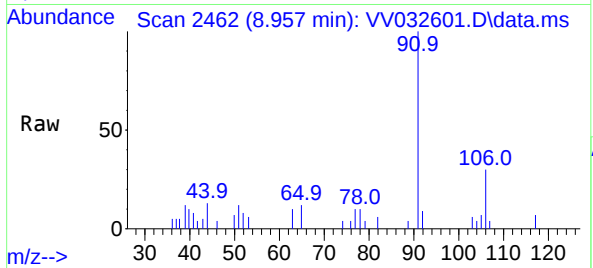




#52
Ethylbenzene
Concen: 0.095 ug/L
RT: 8.957 min Scan# 2459
Delta R.T. 0.010 min
Lab File: VV032601.D
Acq: 24 Oct 2023 19:43

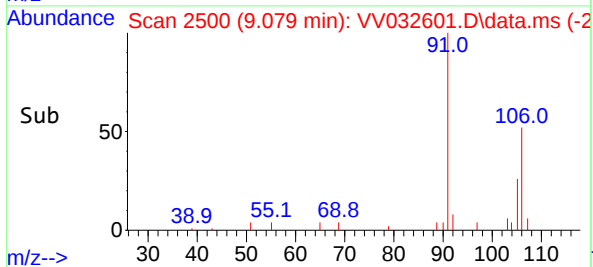
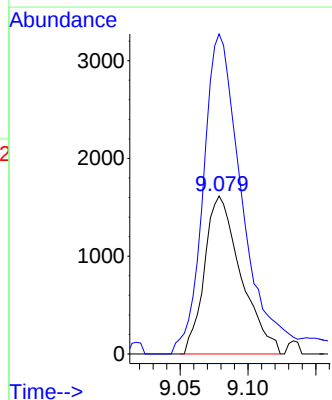
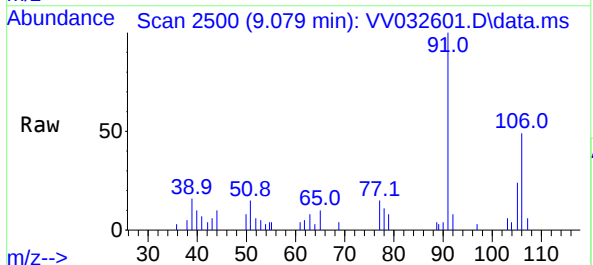
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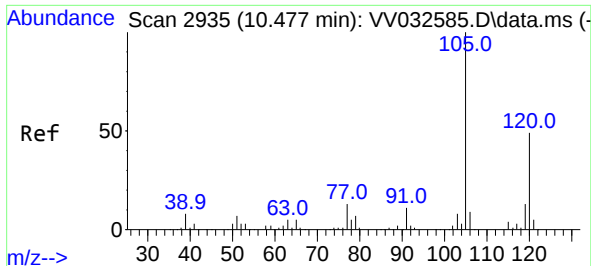
Tgt Ion: 91 Resp: 4716
Ion Ratio Lower Upper
91 100
106 29.7 21.3 39.5



#53
m,p-Xylene
Concen: 0.164 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.003 min
Lab File: VV032601.D
Acq: 24 Oct 2023 19:43

Tgt Ion: 106 Resp: 3021
Ion Ratio Lower Upper
106 100
91 202.7 144.5 268.3

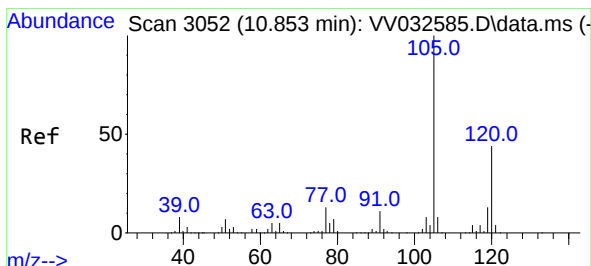
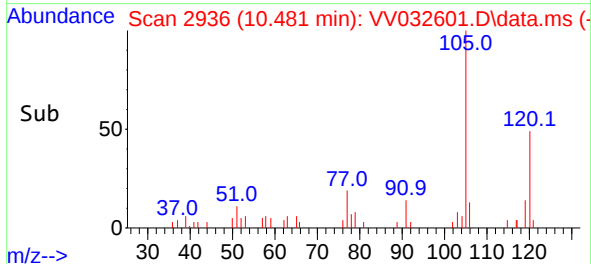
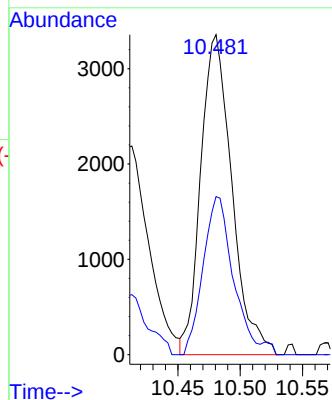
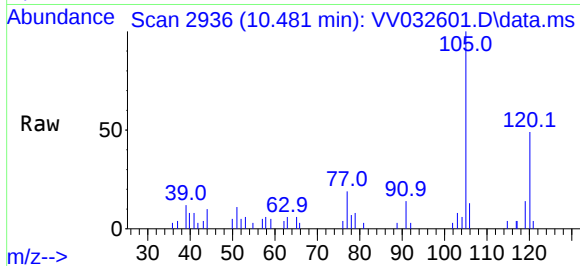




#62
 1,3,5-Trimethylbenzene
 Concen: 0.168 ug/L
 RT: 10.481 min Scan# 2936
 Delta R.T. 0.003 min
 Lab File: VV032601.D
 Acq: 24 Oct 2023 19:43

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ1

Tgt Ion:105 Resp: 5831
 Ion Ratio Lower Upper
 105 100
 120 47.4 39.9 59.9



#63
 1,2,4-Trimethylbenzene
 Concen: 0.188 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. 0.007 min
 Lab File: VV032601.D
 Acq: 24 Oct 2023 19:43

Tgt Ion:105 Resp: 6497
 Ion Ratio Lower Upper
 105 100
 120 42.3 36.2 54.4

