

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100822\
 Data File : VW028480.D
 Acq On : 09 Oct 2022 12:42
 Operator : SY/MD
 Sample : N4923-09DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10011DL

Quant Time: Oct 10 05:26:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 10 05:21:45 2022
 Response via : Initial Calibration

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

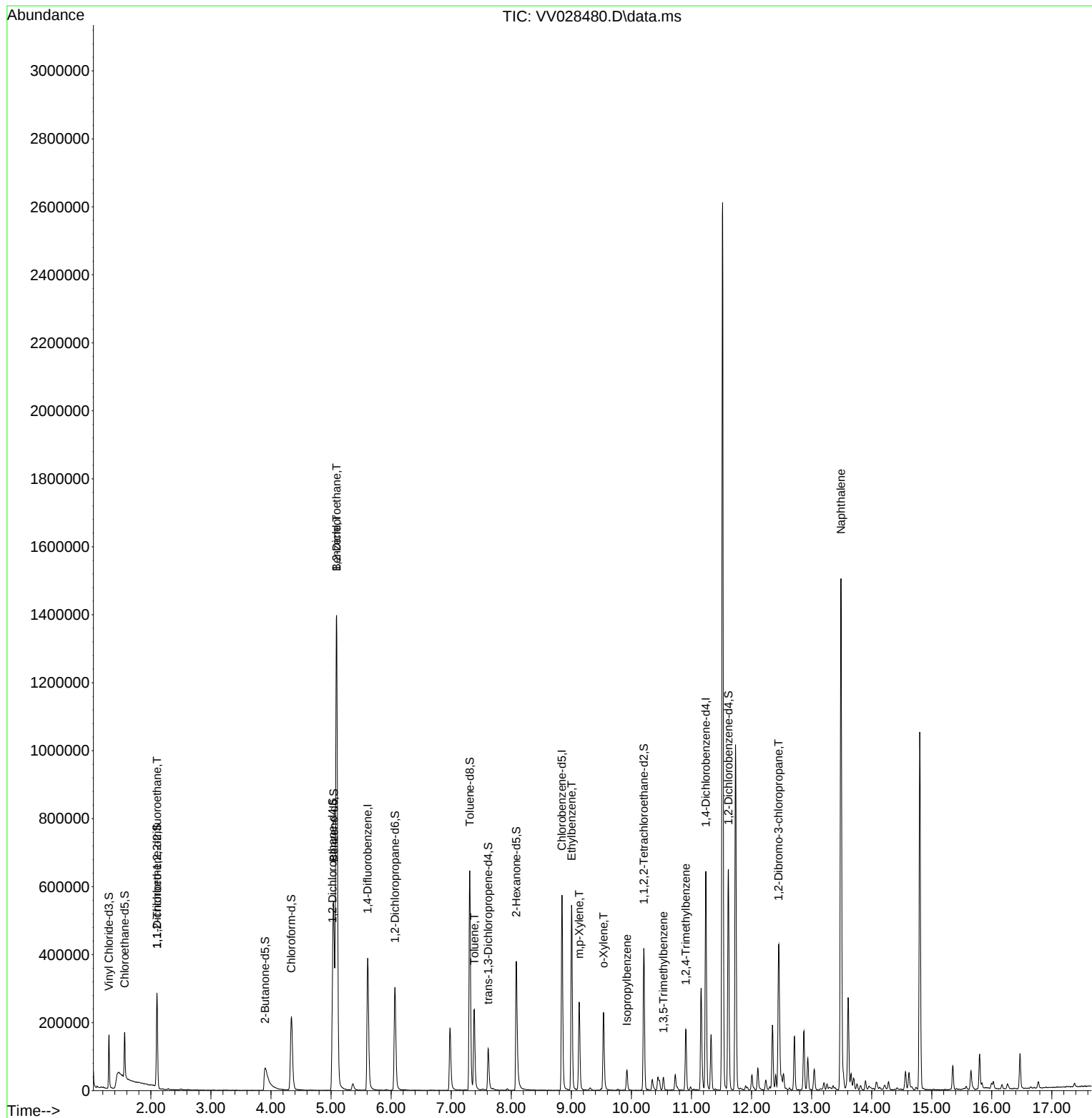
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	333933	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	307528	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	160008	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	99650	38.674	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.340%		
7) Chloroethane-d5	1.564	69	84478	41.348	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.700%		
11) 1,1-Dichloroethene-d2	2.101	63	142176	32.421	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.840%		
21) 2-Butanone-d5	3.902	46	196855	87.274	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.270%		
24) Chloroform-d	4.339	84	226858	48.006	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.020%		
26) 1,2-Dichloroethane-d4	5.024	65	150390	49.346	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.700%		
32) Benzene-d6	5.043	84	468568	47.550	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.100%		
36) 1,2-Dichloropropane-d6	6.063	67	147441	45.890	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.780%		
41) Toluene-d8	7.310	98	426272	48.316	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.640%		
43) trans-1,3-Dichloroprop...	7.616	79	72756	44.428	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.860%		
47) 2-Hexanone-d5	8.085	63	152085	87.017	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.020%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	196956	44.798	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.600%		
66) 1,2-Dichlorobenzene-d4	11.616	152	162648	49.057	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.120%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	1451	0.729	ug/L #	20
27) 1,2-Dichloroethane	5.092	62	10839	3.114	ug/L #	74
33) Benzene	5.092	78	1398505	138.269	ug/L	100
42) Toluene	7.384	91	172557	16.552	ug/L	100
52) Ethylbenzene	9.005	91	375113	33.012	ug/L	98
53) m,p-Xylene	9.133	106	71815	16.674	ug/L	100
54) o-Xylene	9.535	106	58649	13.600	ug/L	96
60) Isopropylbenzene	9.927	105	38419	3.332	ug/L	100
62) 1,3,5-Trimethylbenzene	10.532	105	19051	1.908	ug/L	95
63) 1,2,4-Trimethylbenzene	10.905	105	93077	9.390	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.451	75	8614	8.263	ug/L #	2
71) Naphthalene	13.490	128	1100714	104.825	ug/L	100

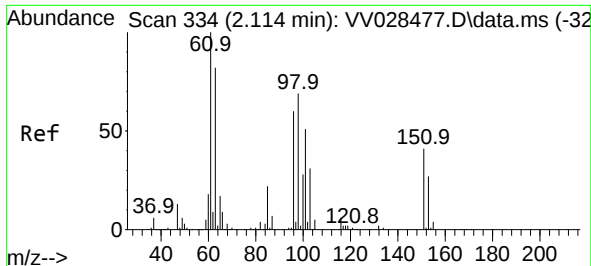
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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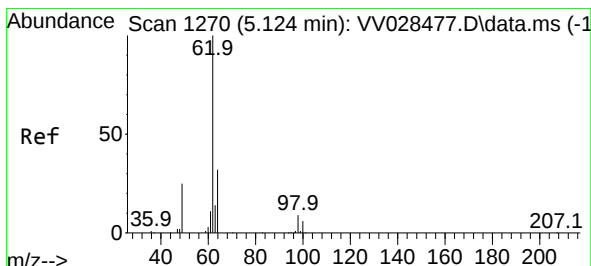
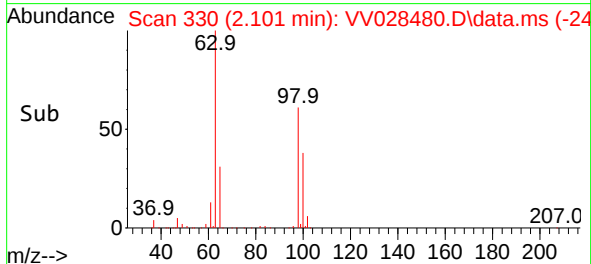
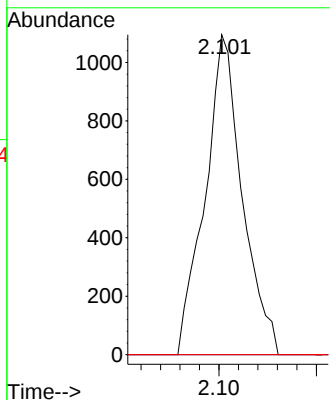
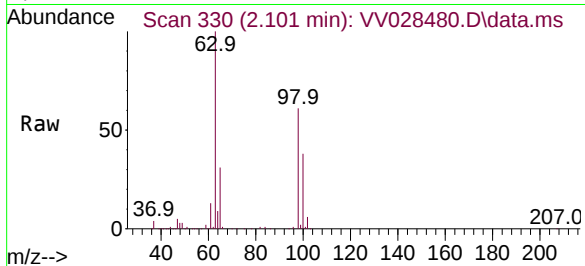




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.729 ug/L
 RT: 2.101 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VV028480.D
 Acq: 09 Oct 2022 12:42

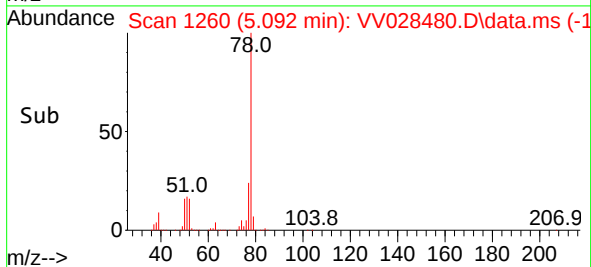
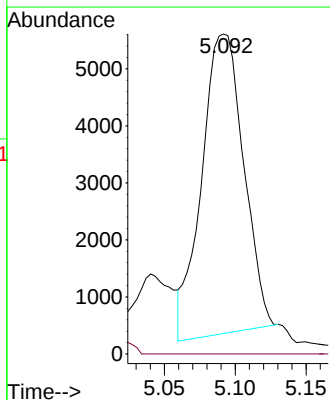
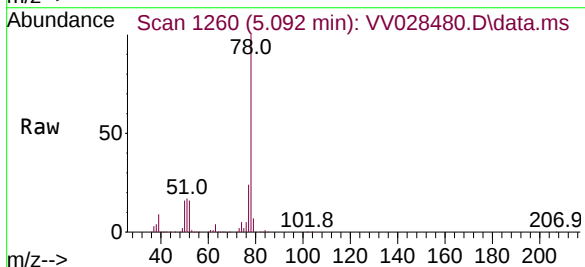
Instrument :
 MSVOA_V
 ClientSampleId :
 E10011DL

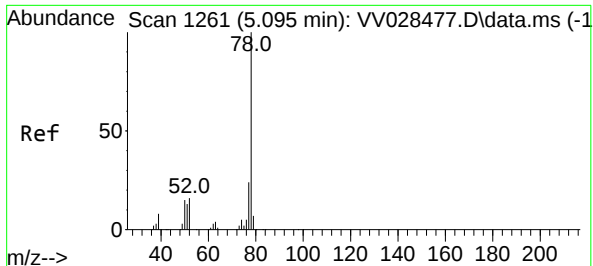
Tgt Ion:101 Resp: 1451
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.9 52.3#
 151 0.0 59.2 88.8#



#27
 1,2-Dichloroethane
 Concen: 3.114 ug/L
 RT: 5.092 min Scan# 1260
 Delta R.T. -0.032 min
 Lab File: VV028480.D
 Acq: 09 Oct 2022 12:42

Tgt Ion: 62 Resp: 10839
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#

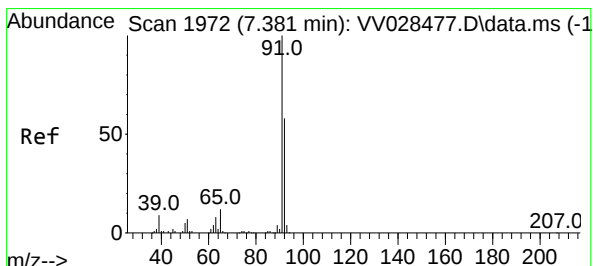
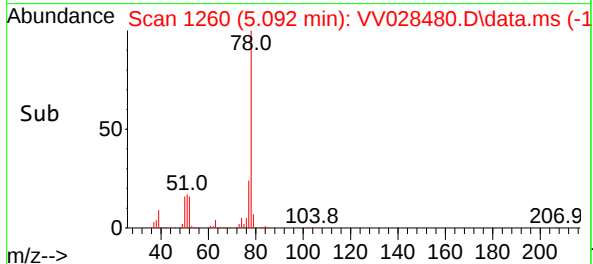
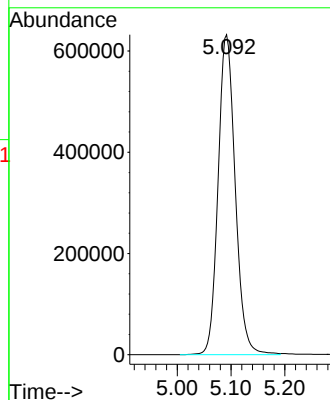
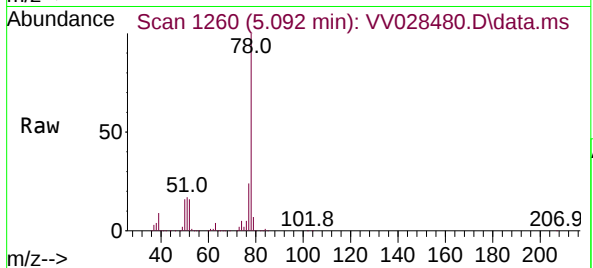




#33
Benzene
Concen: 138.269 ug/L
RT: 5.092 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV028480.D
Acq: 09 Oct 2022 12:42

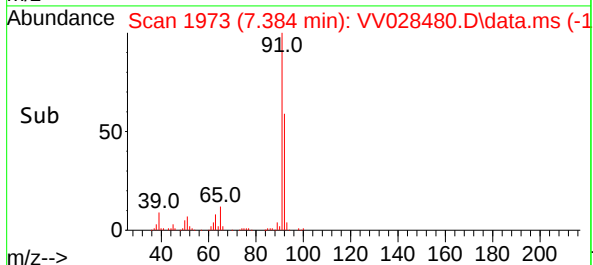
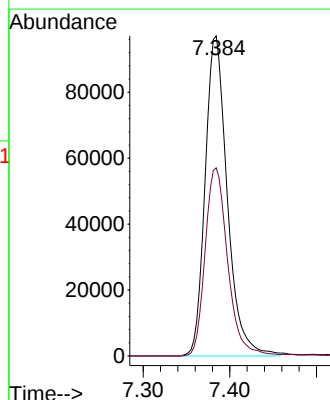
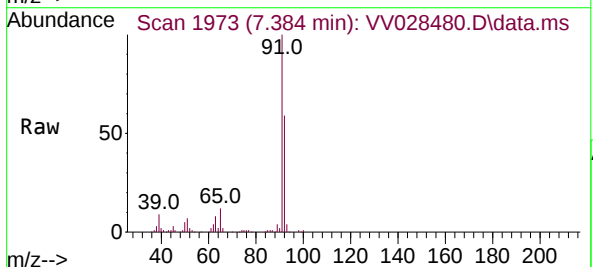
Instrument :
MSVOA_V
ClientSampleId :
E10011DL

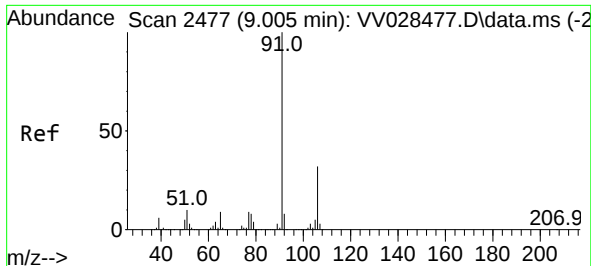
Tgt Ion: 78 Resp: 1398505



#42
Toluene
Concen: 16.552 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV028480.D
Acq: 09 Oct 2022 12:42

Tgt Ion: 91 Resp: 172557
Ion Ratio Lower Upper
91 100
92 58.8 40.9 76.0

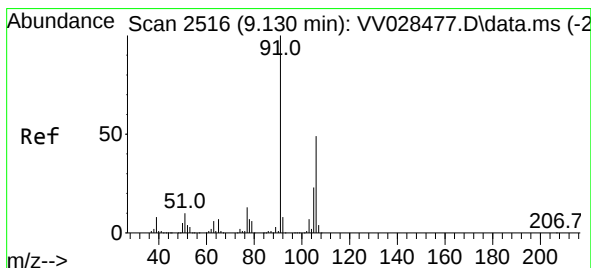
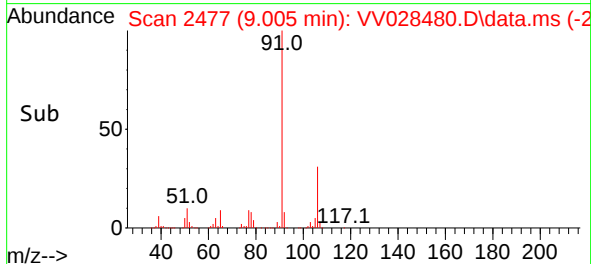
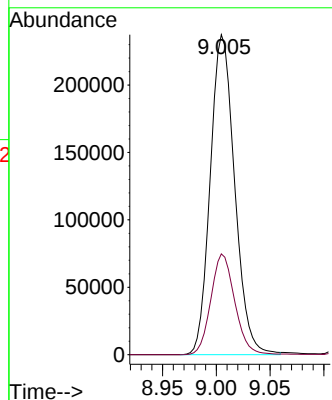
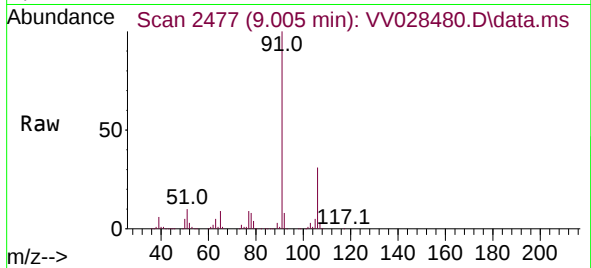




#52
Ethylbenzene
Concen: 33.012 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. 0.000 min
Lab File: VV028480.D
Acq: 09 Oct 2022 12:42

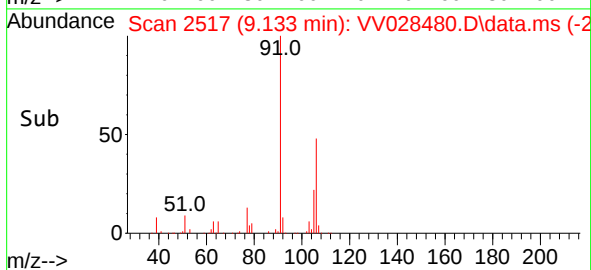
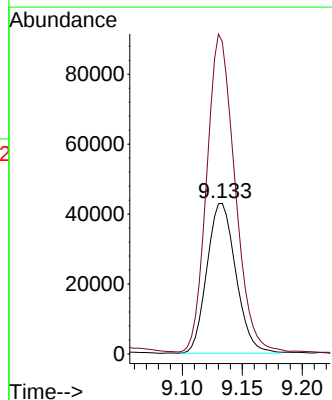
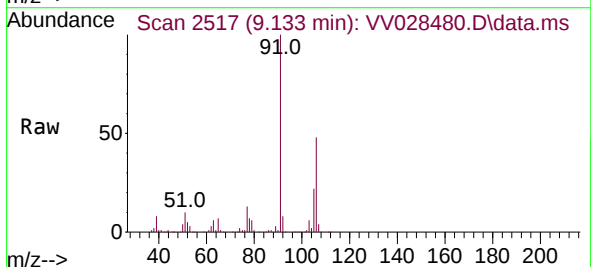
Instrument :
MSVOA_V
ClientSampleId :
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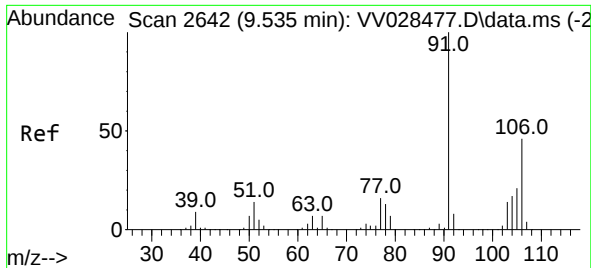
Tgt Ion: 91 Resp: 375113
Ion Ratio Lower Upper
91 100
106 31.5 21.4 39.8



#53
m,p-Xylene
Concen: 16.674 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV028480.D
Acq: 09 Oct 2022 12:42

Tgt Ion: 106 Resp: 71815
Ion Ratio Lower Upper
106 100
91 207.2 145.2 269.6

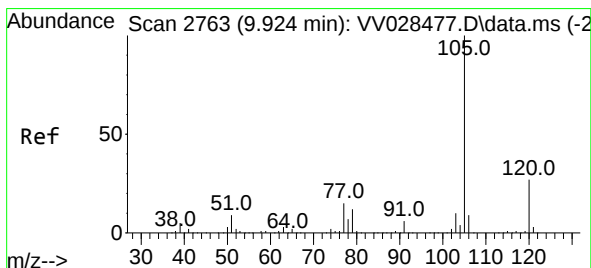
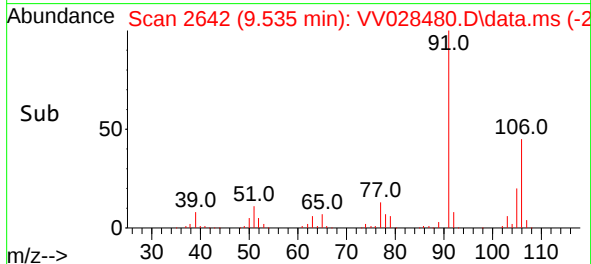
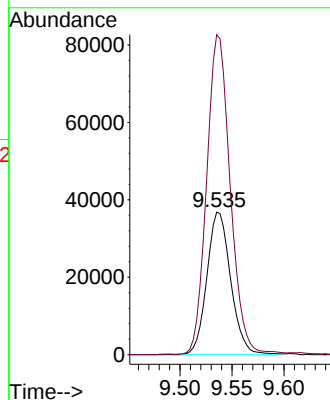
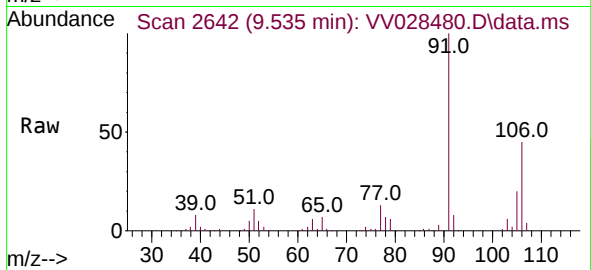




#54
o-Xylene
Concen: 13.600 ug/L
RT: 9.535 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV028480.D
Acq: 09 Oct 2022 12:42

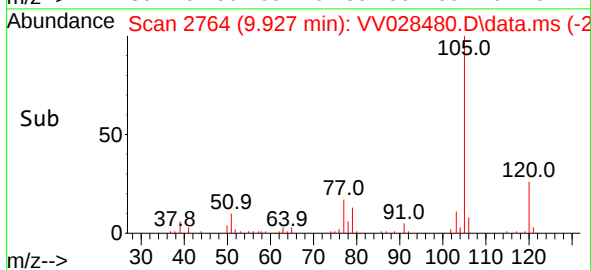
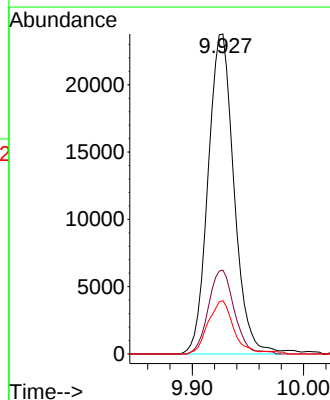
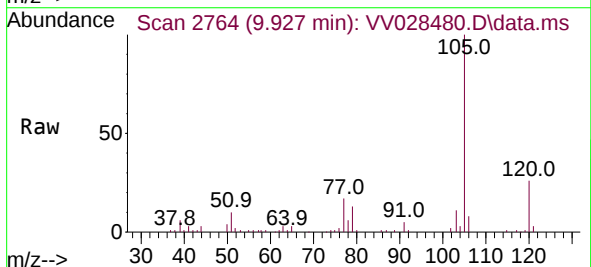
Instrument :
MSVOA_V
ClientSampleId :
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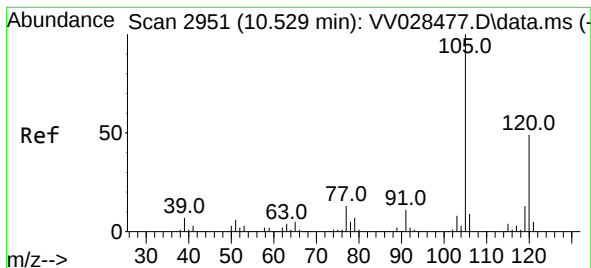
Tgt Ion:106 Resp: 58649
Ion Ratio Lower Upper
106 100
91 224.5 152.5 283.3



#60
Isopropylbenzene
Concen: 3.332 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. 0.003 min
Lab File: VV028480.D
Acq: 09 Oct 2022 12:42

Tgt Ion:105 Resp: 38419
Ion Ratio Lower Upper
105 100
120 25.8 20.5 30.7
77 16.2 12.7 19.1





#62

1,3,5-Trimethylbenzene

Concen: 1.908 ug/L

RT: 10.532 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VV028480.D

Acq: 09 Oct 2022 12:42

Instrument :

MSVOA_V

ClientSampleId :

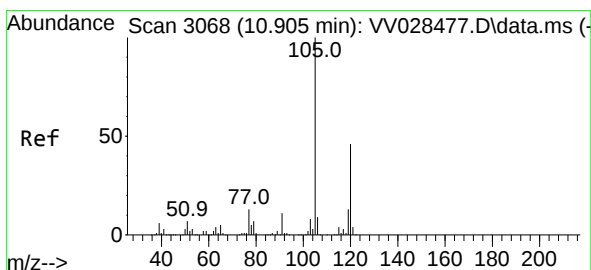
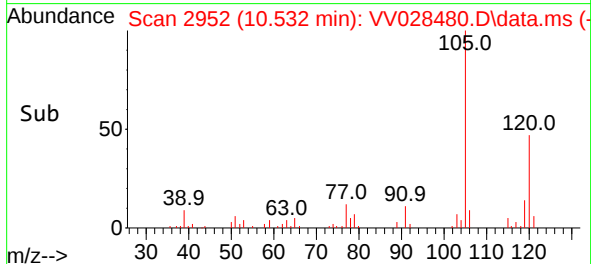
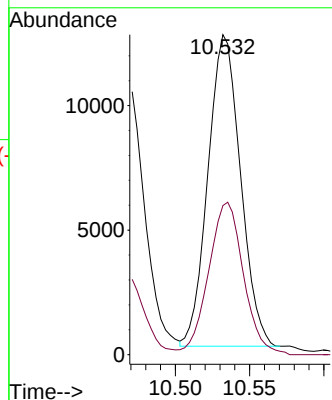
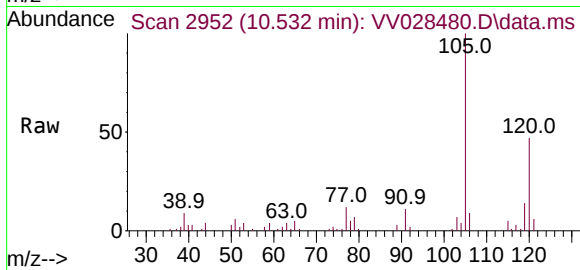
E10011DL

Tgt Ion:105 Resp: 19051

Ion Ratio Lower Upper

105 100

120 52.6 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 9.390 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.000 min

Lab File: VV028480.D

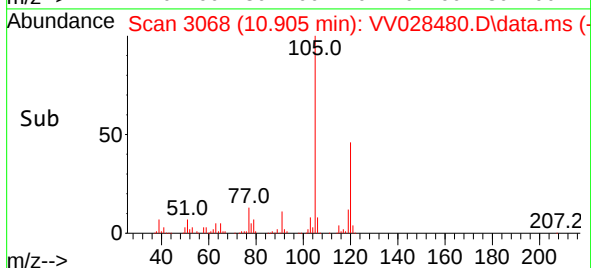
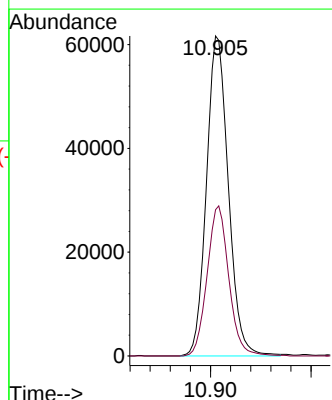
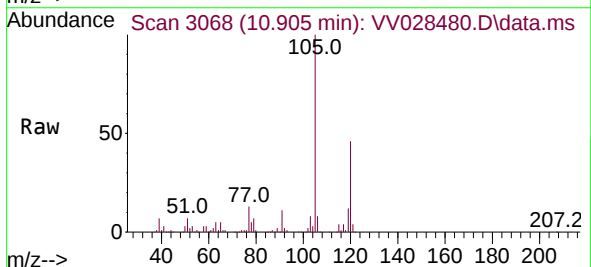
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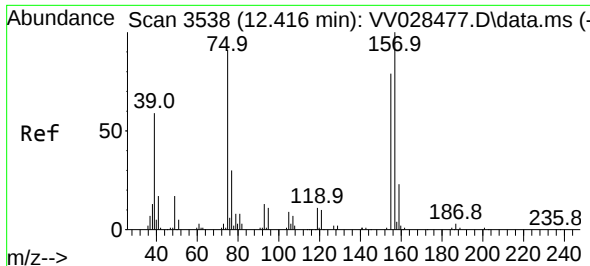
Tgt Ion:105 Resp: 93077

Ion Ratio Lower Upper

105 100

120 46.5 35.9 53.9





#68

1,2-Dibromo-3-chloropropane

Concen: 8.263 ug/L

RT: 12.451 min Scan# 3549

Delta R.T. 0.035 min

Lab File: VV028480.D

Acq: 09 Oct 2022 12:42

Instrument :

MSVOA_V

ClientSampleId :

E10011DL

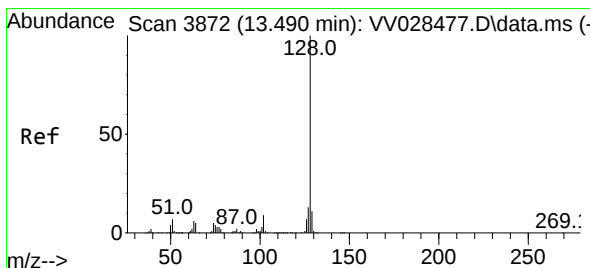
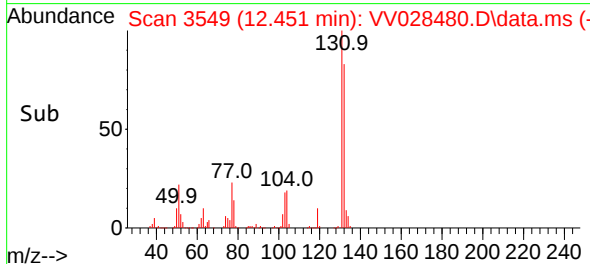
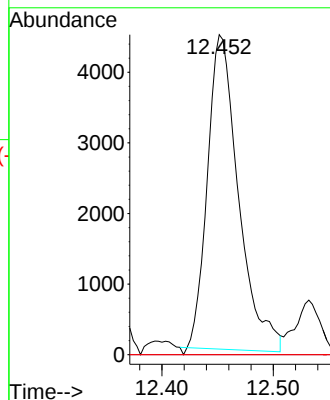
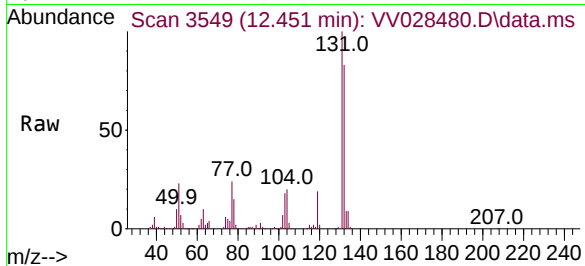
Tgt Ion: 75 Resp: 8614

Ion Ratio Lower Upper

75 100

155 0.0 65.0 97.6#

157 0.0 86.0 129.0#



#71

Naphthalene

Concen: 104.825 ug/L

RT: 13.490 min Scan# 3872

Delta R.T. 0.000 min

Lab File: VV028480.D

Acq: 09 Oct 2022 12:42

Tgt Ion: 128 Resp: 1100714

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.9 8.9 13.3

