

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100822\
 Data File : VW028479.D
 Acq On : 09 Oct 2022 12:18
 Operator : SY/MD
 Sample : N4923-08DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10005DL

Quant Time: Oct 10 05:26:04 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)

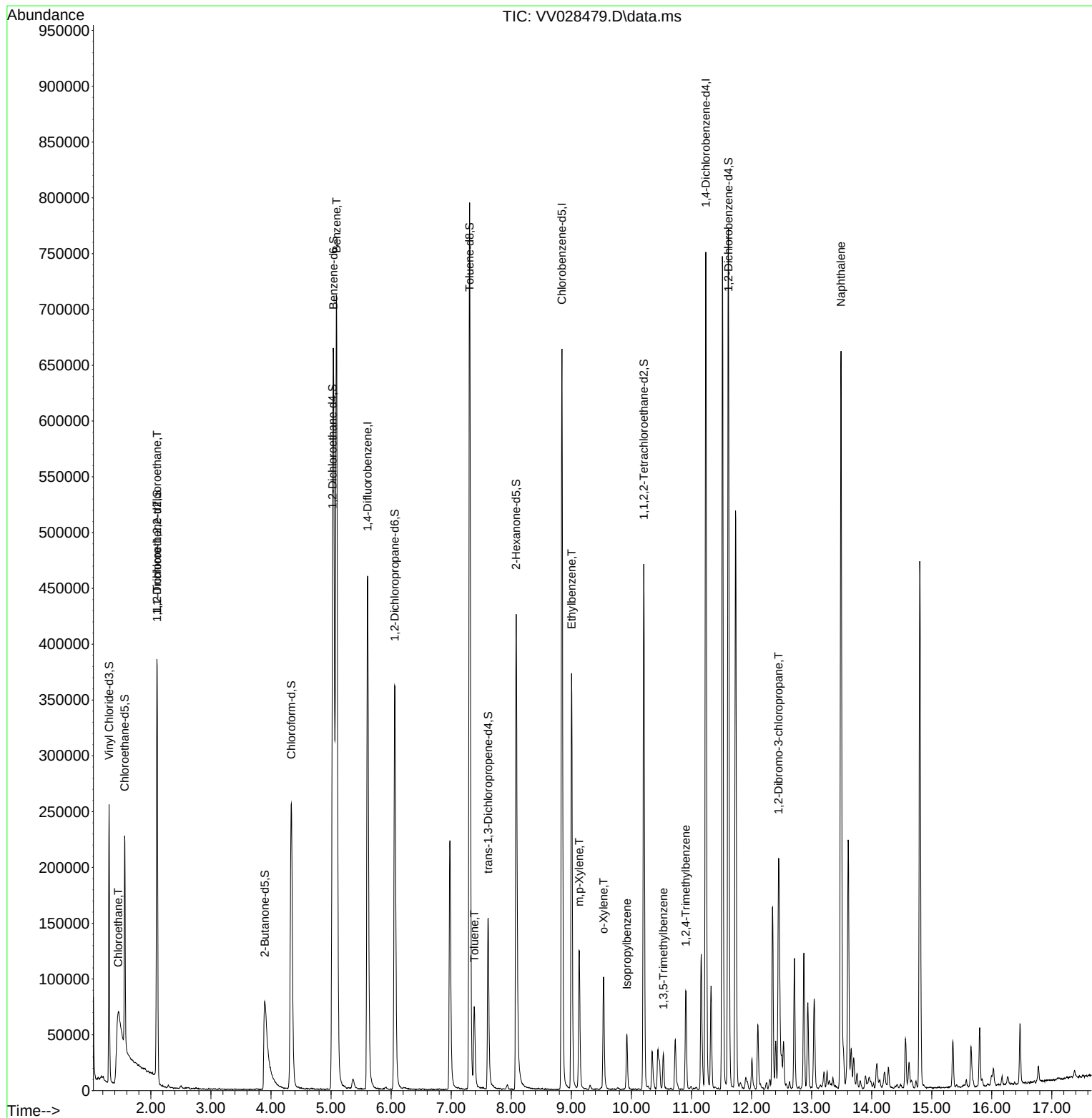
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	396394	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	358683	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	188271	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	161041	52.652	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 105.300%			
7) Chloroethane-d5	1.564	69	120050	49.501	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.000%			
11) 1,1-Dichloroethene-d2	2.101	63	197047	37.853	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.700%			
21) 2-Butanone-d5	3.895	46	221643	82.780	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 82.780%			
24) Chloroform-d	4.339	84	272212	48.526	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.060%			
26) 1,2-Dichloroethane-d4	5.024	65	179802	49.700	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.400%			
32) Benzene-d6	5.040	84	576701	50.177	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.360%			
36) 1,2-Dichloropropane-d6	6.059	67	175218	46.758	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.520%			
41) Toluene-d8	7.307	98	520521	50.584	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.160%			
43) trans-1,3-Dichloroprop...	7.616	79	90407	47.333	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.660%			
47) 2-Hexanone-d5	8.082	63	166122	81.493	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 81.490%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	223910	43.665	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.340%			
66) 1,2-Dichlorobenzene-d4	11.615	152	193042	49.484	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.960%			
Target Compounds						Qvalue
8) Chloroethane	1.458	64	281920	137.733	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.104	101	1885	0.798	ug/L #	20
33) Benzene	5.092	78	716669	60.751	ug/L	100
42) Toluene	7.384	91	55053	4.528	ug/L	93
52) Ethylbenzene	9.005	91	256447	19.350	ug/L	99
53) m,p-Xylene	9.133	106	33747	6.718	ug/L	98
54) o-Xylene	9.535	106	25820	5.133	ug/L	97
60) Isopropylbenzene	9.924	105	32103	2.366	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	17143	1.459	ug/L	91
63) 1,2,4-Trimethylbenzene	10.905	105	47583	4.080	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.451	75	5286	4.310	ug/L #	2
71) Naphthalene	13.490	128	464321	37.581	ug/L	100

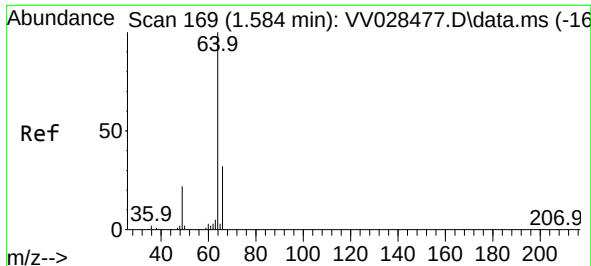
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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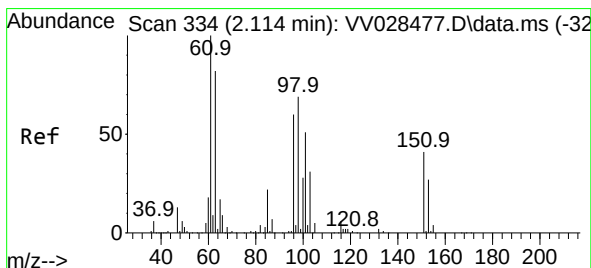
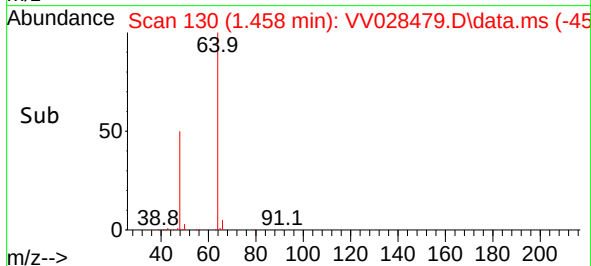
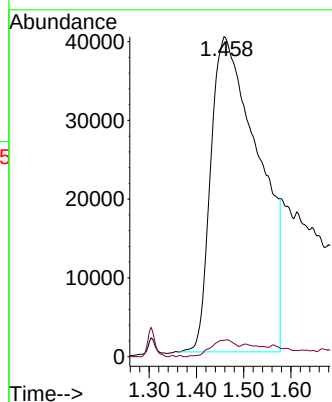
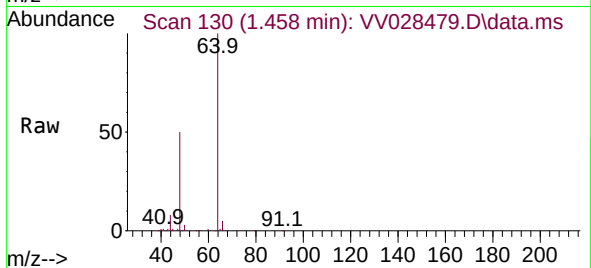




#8
Chloroethane
Concen: 137.733 ug/L
RT: 1.458 min Scan# 11
Delta R.T. -0.126 min
Lab File: VV028479.D
Acq: 09 Oct 2022 12:18

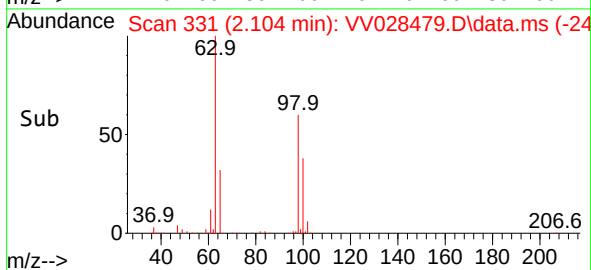
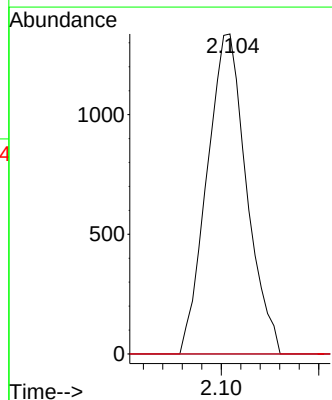
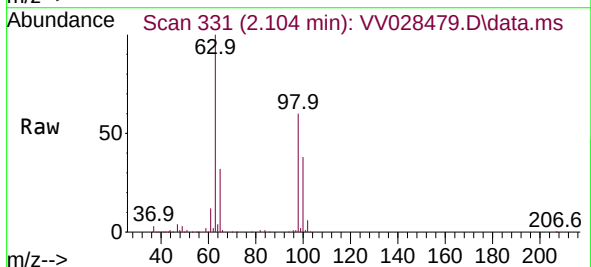
Instrument :
MSVOA_V
ClientSampleId :
E10005DL

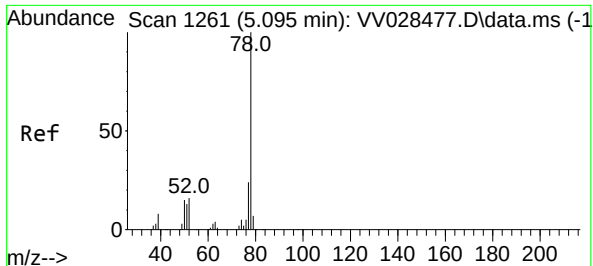
Tgt Ion: 64 Resp: 281920
Ion Ratio Lower Upper
64 100
66 5.1 22.2 41.2#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.798 ug/L
RT: 2.104 min Scan# 331
Delta R.T. -0.010 min
Lab File: VV028479.D
Acq: 09 Oct 2022 12:18

Tgt Ion:101 Resp: 1885
Ion Ratio Lower Upper
101 100
85 0.0 34.9 52.3#
151 0.0 59.2 88.8#

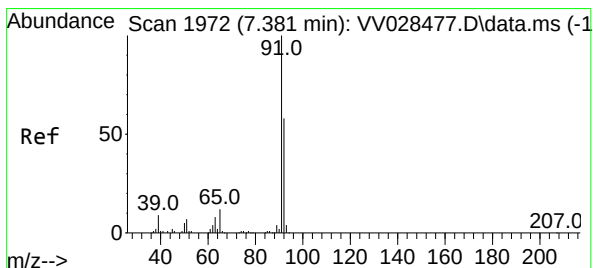
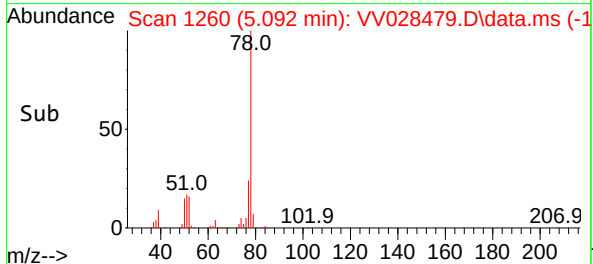
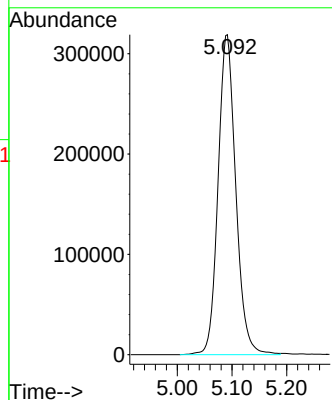
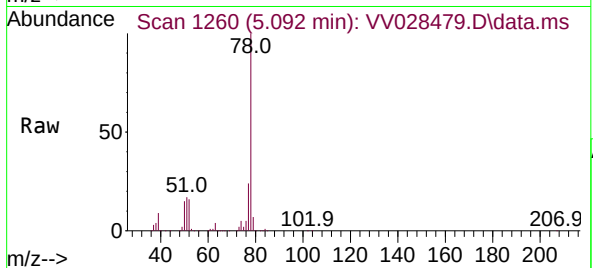




#33
Benzene
Concen: 60.751 ug/L
RT: 5.092 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV028479.D
Acq: 09 Oct 2022 12:18

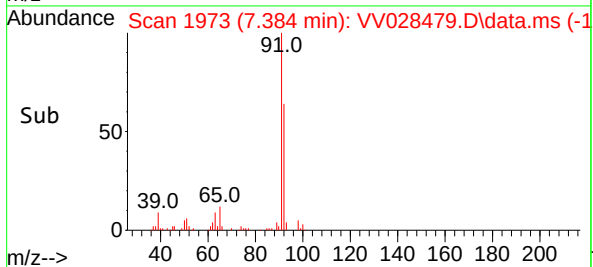
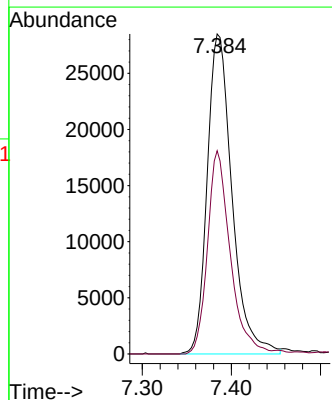
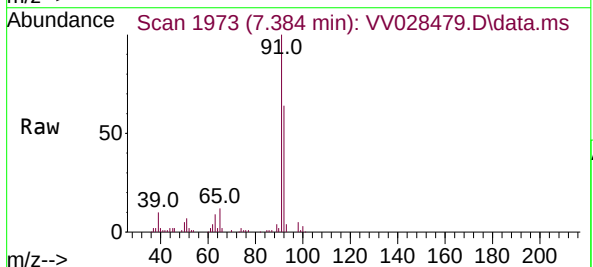
Instrument :
MSVOA_V
ClientSampleId :
E10005DL

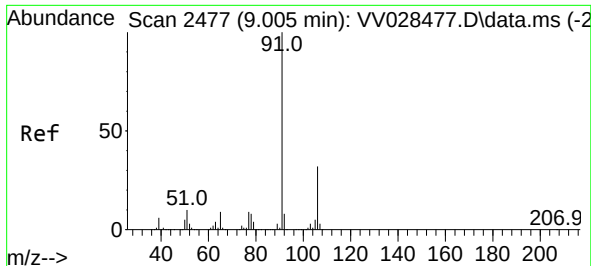
Tgt Ion: 78 Resp: 716669



#42
Toluene
Concen: 4.528 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV028479.D
Acq: 09 Oct 2022 12:18

Tgt Ion: 91 Resp: 55053
Ion Ratio Lower Upper
91 100
92 63.5 40.9 76.0

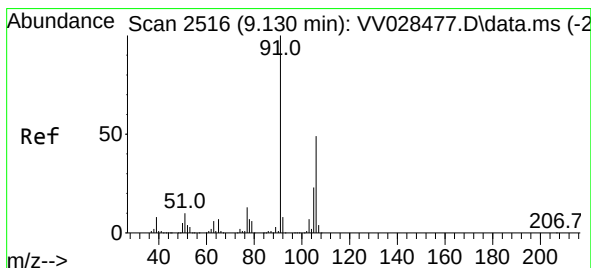
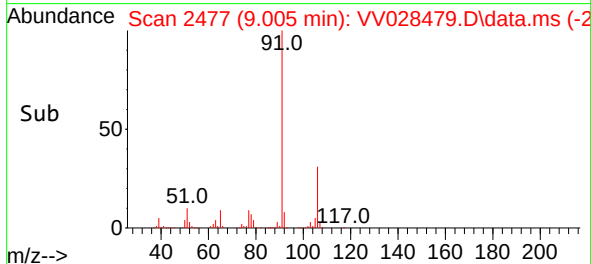
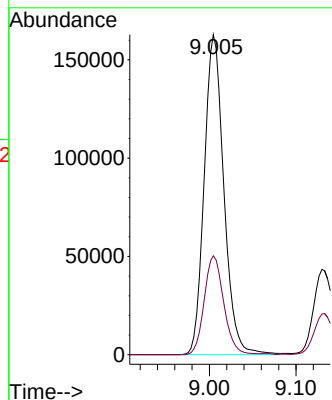
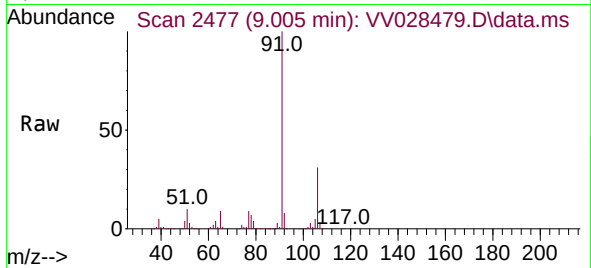




#52
Ethylbenzene
Concen: 19.350 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.000 min
Lab File: VV028479.D
Acq: 09 Oct 2022 12:18

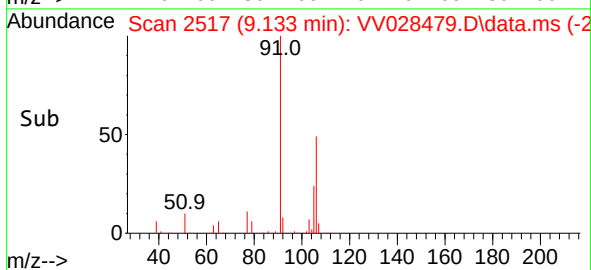
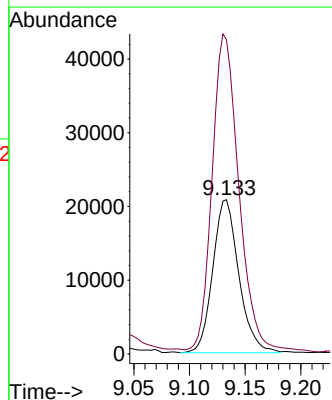
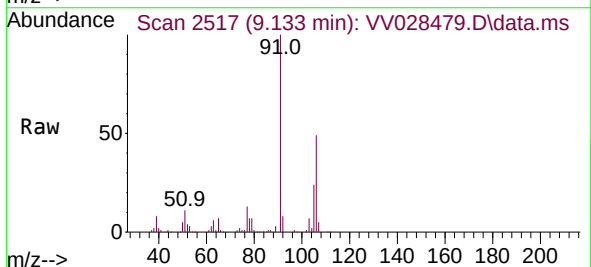
Instrument :
MSVOA_V
ClientSampleId :
E10005DL

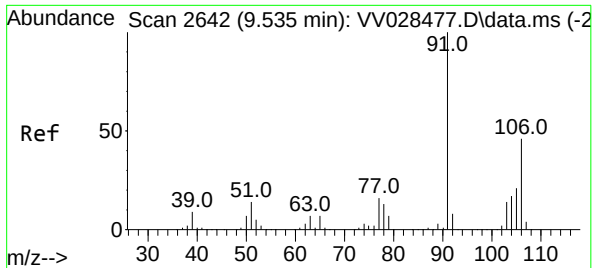
Tgt Ion: 91 Resp: 256447
Ion Ratio Lower Upper
91 100
106 30.9 21.4 39.8



#53
m,p-Xylene
Concen: 6.718 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV028479.D
Acq: 09 Oct 2022 12:18

Tgt Ion:106 Resp: 33747
Ion Ratio Lower Upper
106 100
91 203.8 145.2 269.6

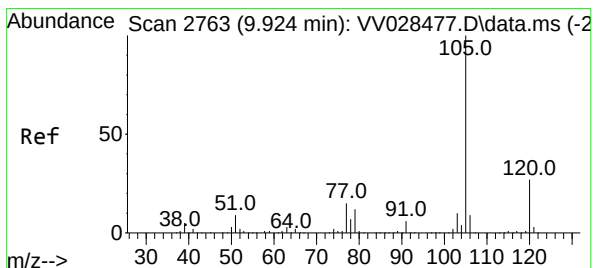
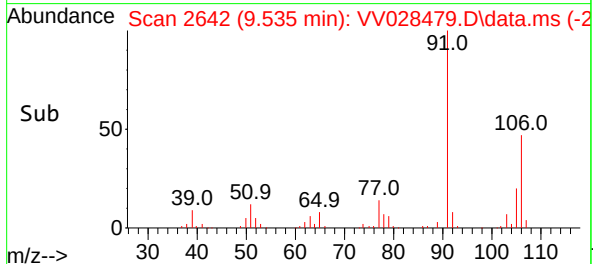
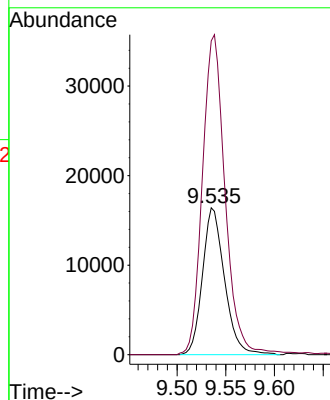
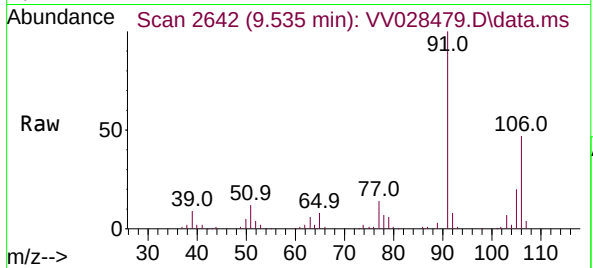




#54
o-Xylene
Concen: 5.133 ug/L
RT: 9.535 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028479.D
Acq: 09 Oct 2022 12:18

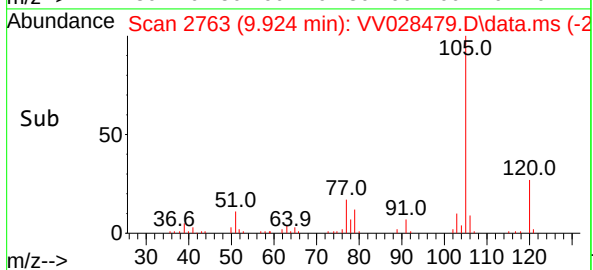
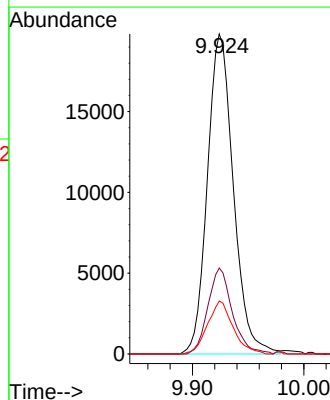
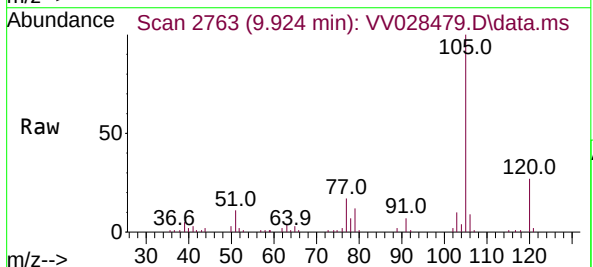
Instrument :
MSVOA_V
ClientSampleId :
E10005DL

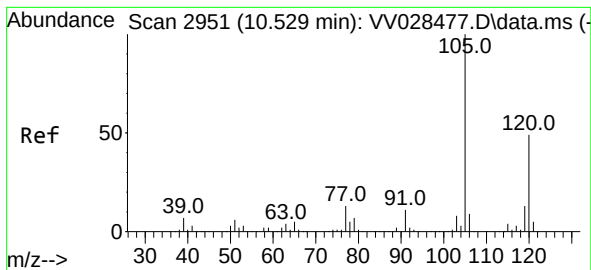
Tgt Ion:106 Resp: 25820
Ion Ratio Lower Upper
106 100
91 213.5 152.5 283.3



#60
Isopropylbenzene
Concen: 2.366 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. -0.000 min
Lab File: VV028479.D
Acq: 09 Oct 2022 12:18

Tgt Ion:105 Resp: 32103
Ion Ratio Lower Upper
105 100
120 25.2 20.5 30.7
77 16.3 12.7 19.1





#62

1,3,5-Trimethylbenzene

Concen: 1.459 ug/L

RT: 10.532 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VV028479.D

Acq: 09 Oct 2022 12:18

Instrument :

MSVOA_V

ClientSampleId :

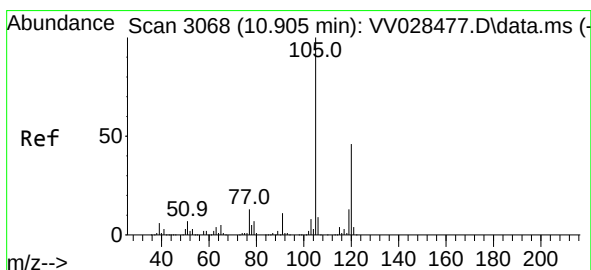
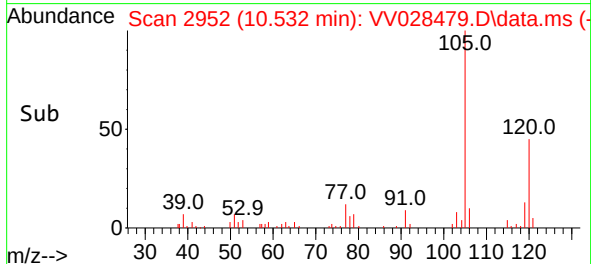
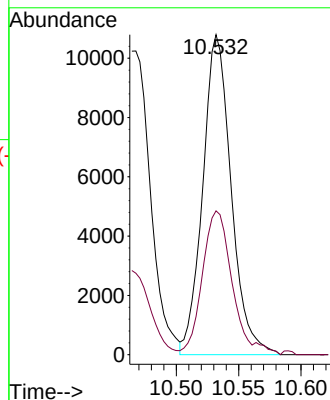
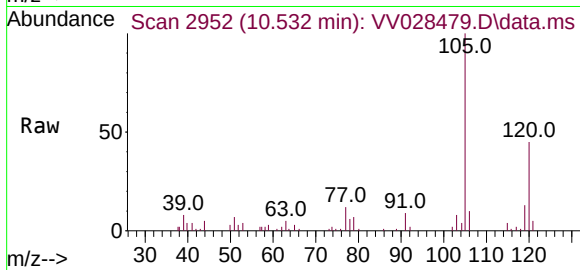
E10005DL

Tgt Ion:105 Resp: 17143

Ion Ratio Lower Upper

105 100

120 42.7 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 4.080 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. -0.000 min

Lab File: VV028479.D

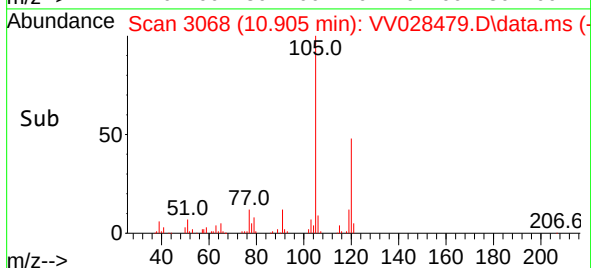
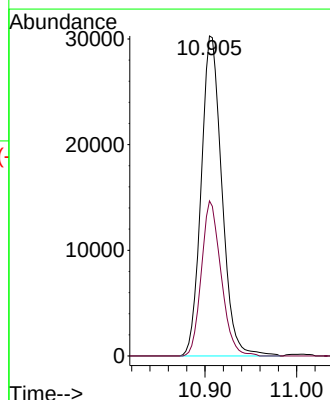
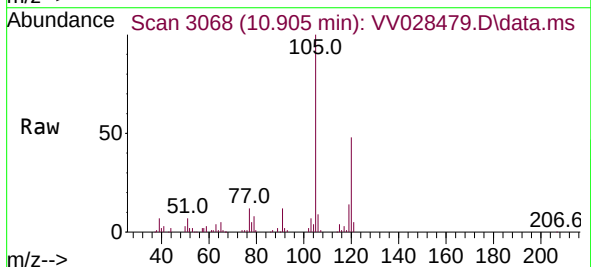
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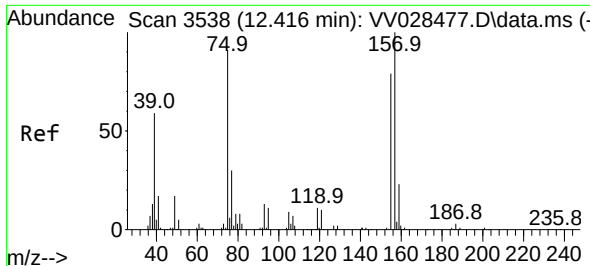
Tgt Ion:105 Resp: 47583

Ion Ratio Lower Upper

105 100

120 45.7 35.9 53.9

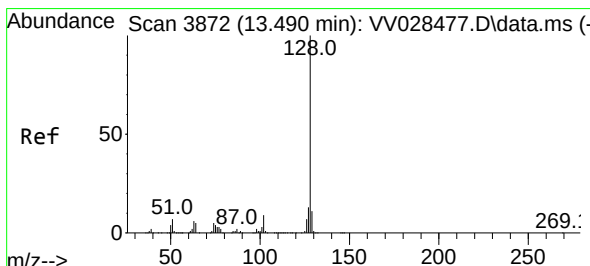
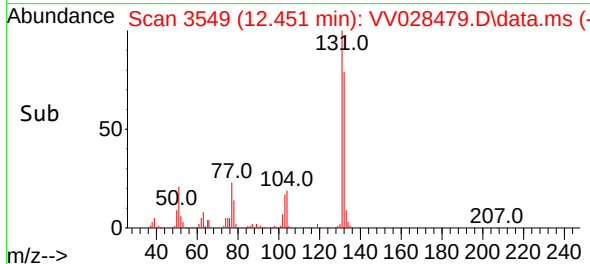
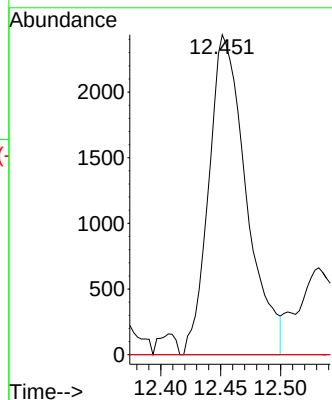
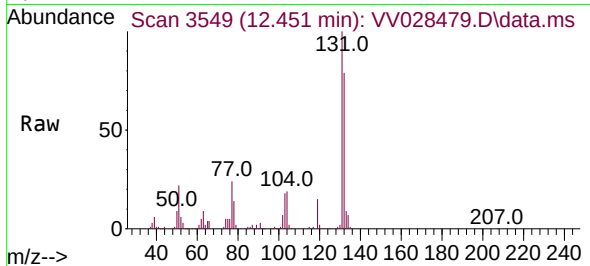




#68
1,2-Dibromo-3-chloropropane
Concen: 4.310 ug/L
RT: 12.451 min Scan# 3549
Delta R.T. 0.035 min
Lab File: VV028479.D
Acq: 09 Oct 2022 12:18

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 75 Resp: 5286
Ion Ratio Lower Upper
75 100
155 0.0 65.0 97.6#
157 0.0 86.0 129.0#



#71
Naphthalene
Concen: 37.581 ug/L
RT: 13.490 min Scan# 3872
Delta R.T. -0.000 min
Lab File: VV028479.D
Acq: 09 Oct 2022 12:18

Tgt Ion: 128 Resp: 464321
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.9 8.9 13.3

