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 Data File : VW028481.D
 Acq On : 09 Oct 2022 13:06
 Operator : SY/MD
 Sample : N4923-02DL 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10008DL

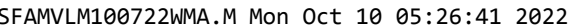
Quant Time: Oct 10 05:26:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 10 05:21:45 2022
 Response via : Initial Calibration

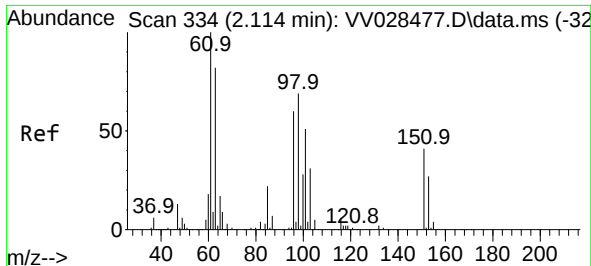
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	359923	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	323208	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	169235	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	151778	54.652	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.300%
7) Chloroethane-d5	1.565	69	114529	52.009	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.020%
11) 1,1-Dichloroethene-d2	2.105	63	190042	40.207	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.420%
21) 2-Butanone-d5	3.896	46	212508	87.410	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.410%
24) Chloroform-d	4.343	84	267379	52.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.980%
26) 1,2-Dichloroethane-d4	5.027	65	177092	53.911	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.820%
32) Benzene-d6	5.043	84	564440	54.500	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.000%
36) 1,2-Dichloropropane-d6	6.063	67	176930	52.397	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.800%
41) Toluene-d8	7.310	98	514292	55.464	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.920%
43) trans-1,3-Dichloroprop...	7.616	79	88112	51.194	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.380%
47) 2-Hexanone-d5	8.082	63	175809	95.711	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.710%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	227446	49.223	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.440%
66) 1,2-Dichlorobenzene-d4	11.616	152	189766	54.116	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.240%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1746	0.814	ug/L #	20
33) Benzene	5.095	78	171014	16.088	ug/L	100
42) Toluene	7.384	91	200604	18.308	ug/L	98
44) trans-1,3-Dichloropropene	7.616	75	3827	0.880	ug/L	89
45) 1,1,2-Trichloroethane	7.699	97	1925	0.729	ug/L #	21
52) Ethylbenzene	9.011	91	12918	1.082	ug/L	96
53) m,p-Xylene	9.130	106	43582	9.628	ug/L	96
54) o-Xylene	9.538	106	23116	5.100	ug/L	94
55) Styrene	9.558	104	41100	5.280	ug/L	97
62) 1,3,5-Trimethylbenzene	10.532	105	19577	1.854	ug/L	95
63) 1,2,4-Trimethylbenzene	10.908	105	44070	4.204	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.452	75	4406	3.996	ug/L #	2
71) Naphthalene	13.490	128	3058167	275.362	ug/L	100

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

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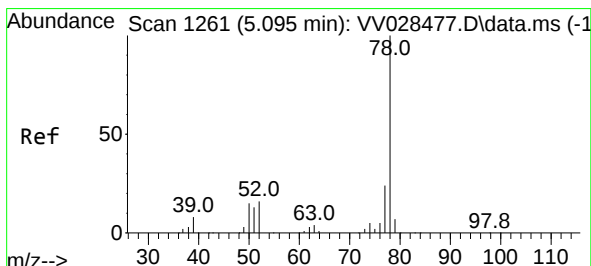
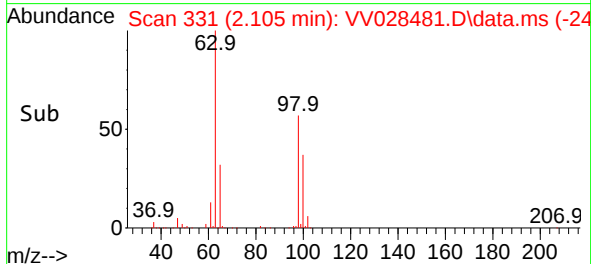
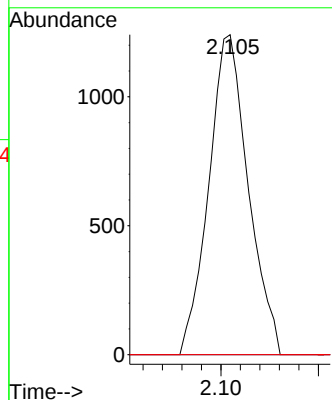
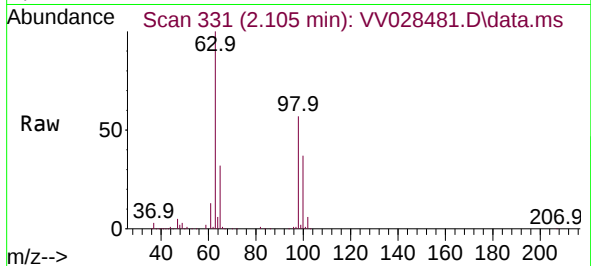




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.814 ug/L
RT: 2.105 min Scan# 311
Delta R.T. -0.010 min
Lab File: VV028481.D
Acq: 09 Oct 2022 13:06

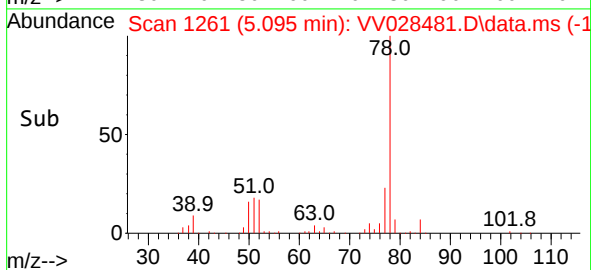
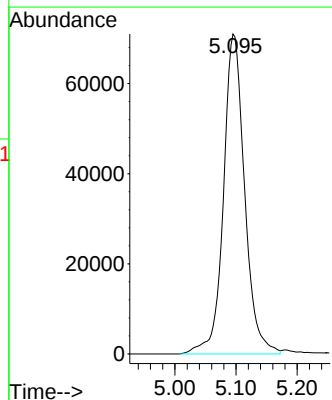
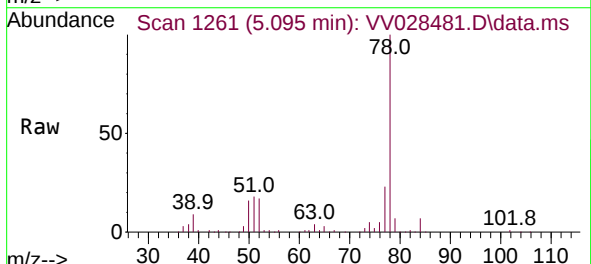
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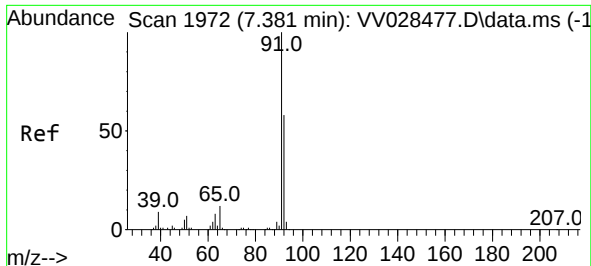
Tgt Ion:101 Resp: 1746
Ion Ratio Lower Upper
101 100
85 0.0 34.9 52.3#
151 0.0 59.2 88.8#



#33
Benzene
Concen: 16.088 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV028481.D
Acq: 09 Oct 2022 13:06

Tgt Ion: 78 Resp: 171014





#42

Toluene

Concen: 18.308 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV028481.D

Acq: 09 Oct 2022 13:06

Instrument :

MSVOA_V

ClientSampleId :

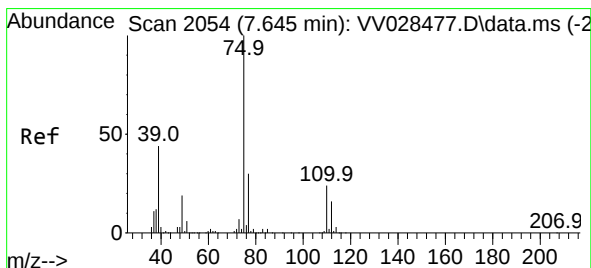
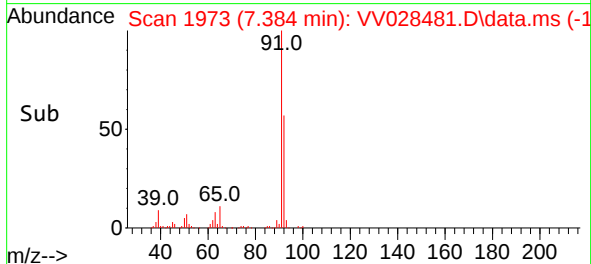
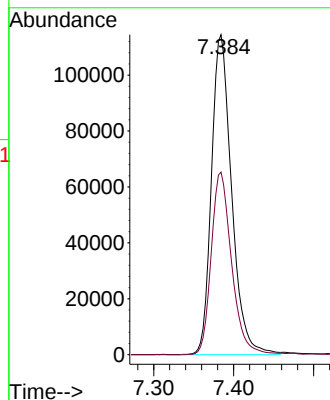
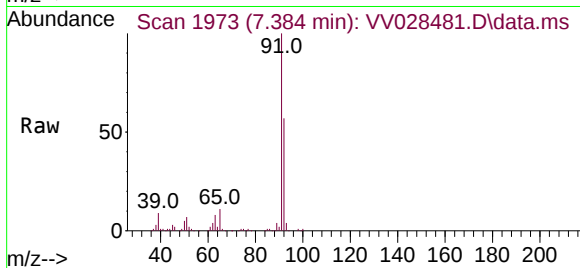
E10008DL

Tgt Ion: 91 Resp: 200604

Ion Ratio Lower Upper

91 100

92 57.0 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 0.880 ug/L

RT: 7.616 min Scan# 2045

Delta R.T. -0.029 min

Lab File: VV028481.D

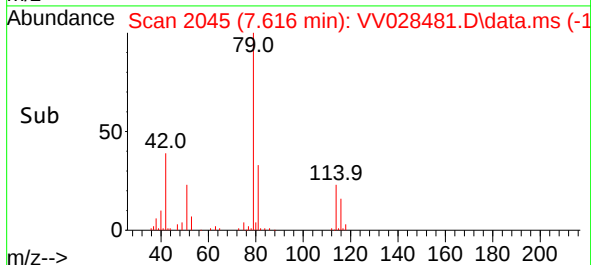
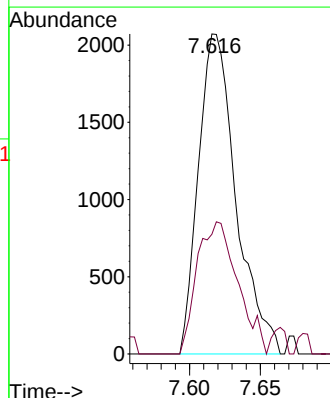
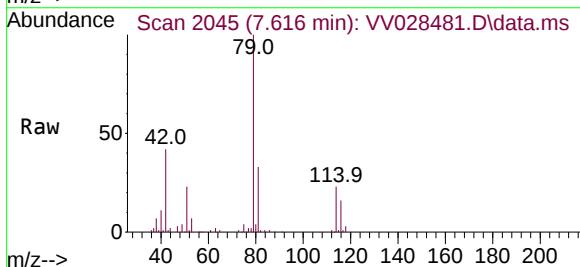
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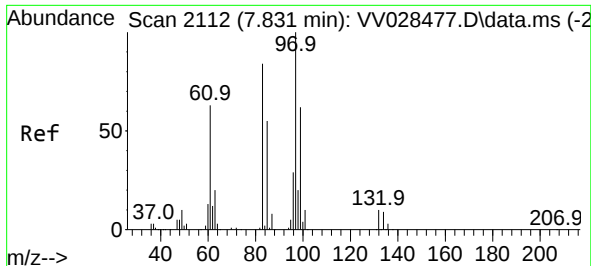
Tgt Ion: 75 Resp: 3827

Ion Ratio Lower Upper

75 100

77 37.4 21.8 40.4

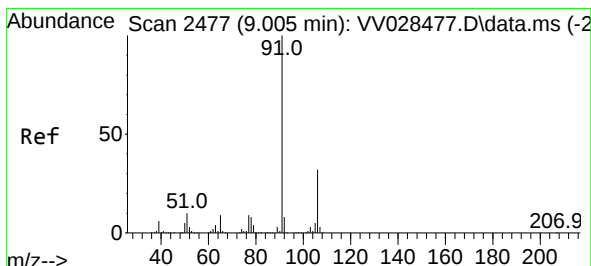
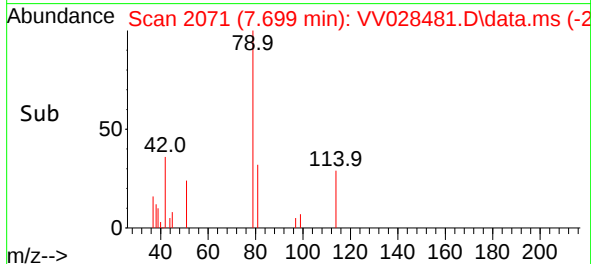
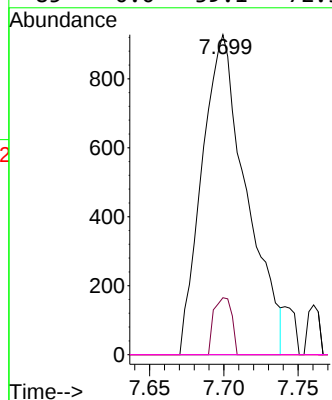
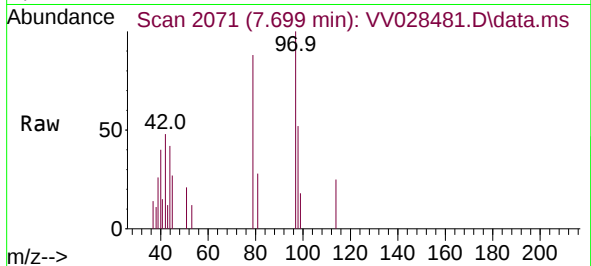




#45
1,1,2-Trichloroethane
Concen: 0.729 ug/L
RT: 7.699 min Scan# 2071
Delta R.T. -0.132 min
Lab File: VV028481.D
Acq: 09 Oct 2022 13:06

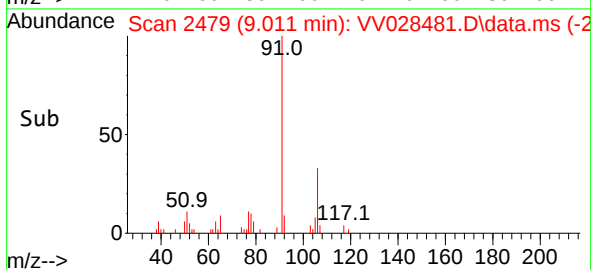
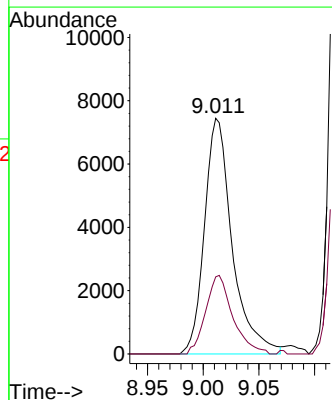
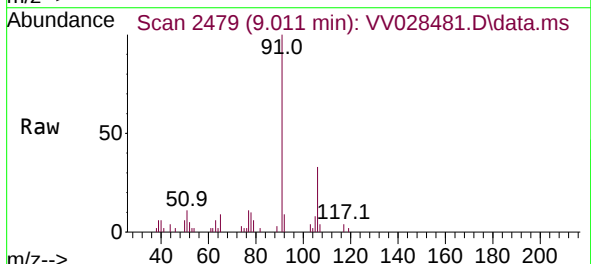
Instrument :
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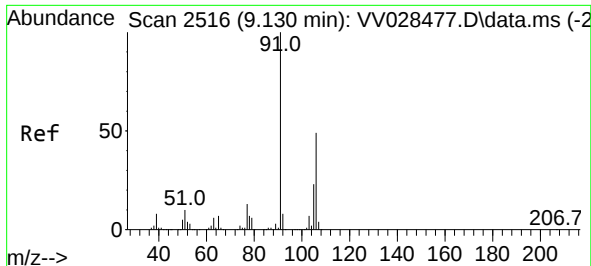
Tgt Ion: 97	Resp:	1925
Ion Ratio	Lower	Upper
97	100	
99	17.8	43.9 81.5#
83	0.0	61.9 114.9#
85	0.0	39.1 72.5#



#52
Ethylbenzene
Concen: 1.082 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.007 min
Lab File: VV028481.D
Acq: 09 Oct 2022 13:06

Tgt Ion: 91	Resp:	12918
Ion Ratio	Lower	Upper
91	100	
106	32.7	21.4 39.8

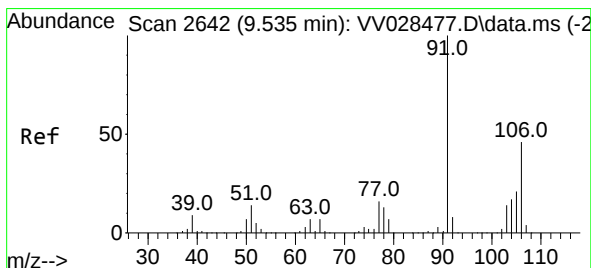
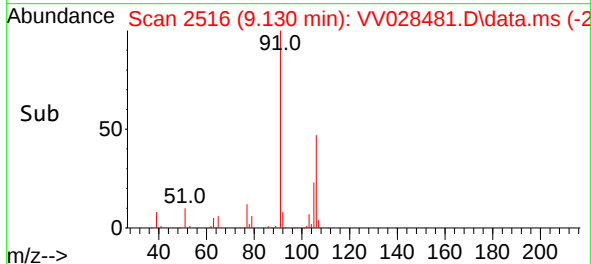
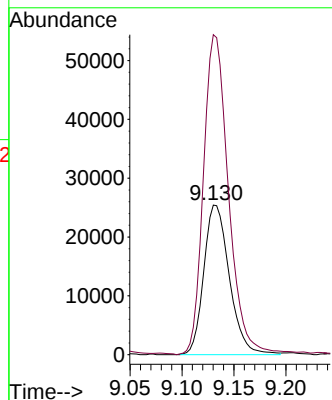
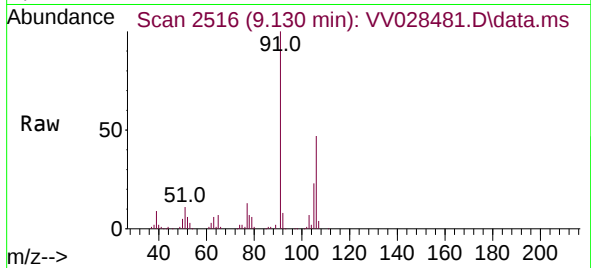




#53
m,p-Xylene
Concen: 9.628 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VV028481.D
Acq: 09 Oct 2022 13:06

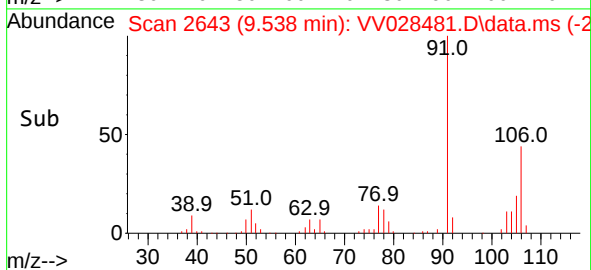
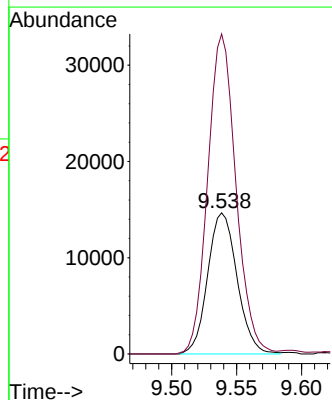
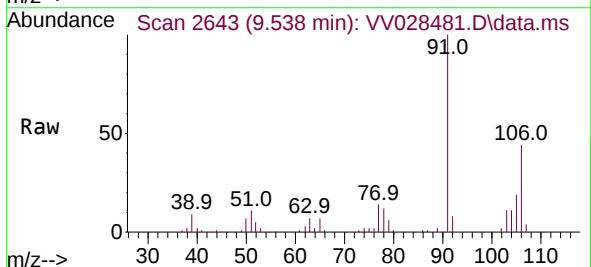
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E10008DL

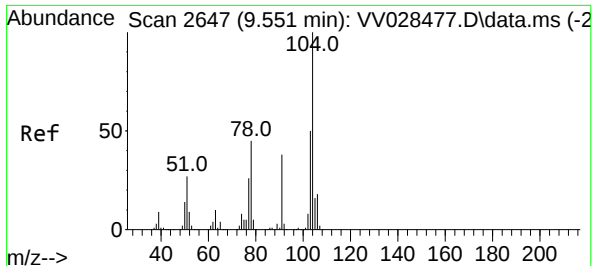
Tgt Ion:106 Resp: 43582
Ion Ratio Lower Upper
106 100
91 213.9 145.2 269.6



#54
o-Xylene
Concen: 5.100 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV028481.D
Acq: 09 Oct 2022 13:06

Tgt Ion:106 Resp: 23116
Ion Ratio Lower Upper
106 100
91 226.8 152.5 283.3

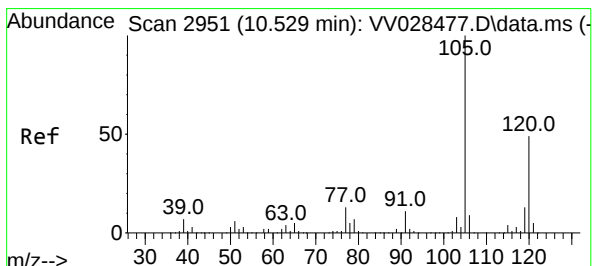
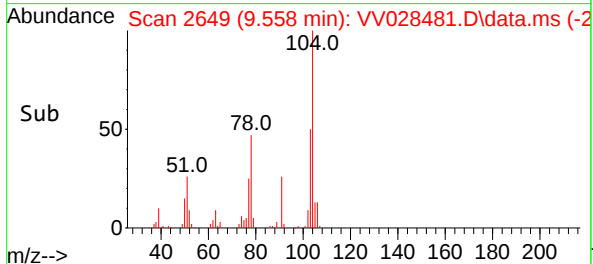
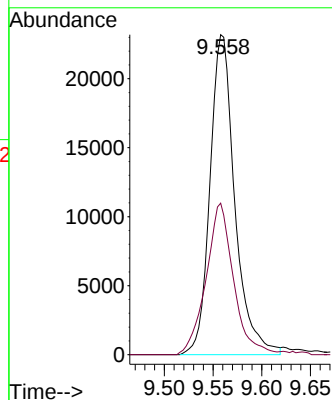
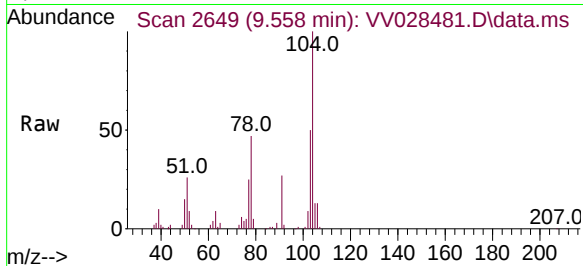




#55
Styrene
Concen: 5.280 ug/L
RT: 9.558 min Scan# 20
Delta R.T. 0.007 min
Lab File: VV028481.D
Acq: 09 Oct 2022 13:06

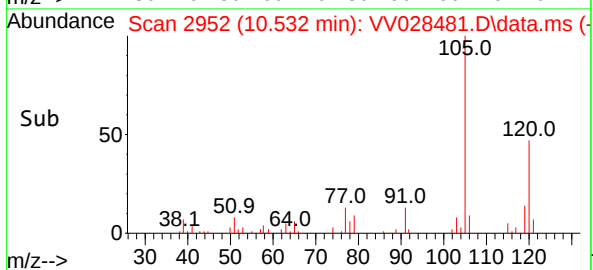
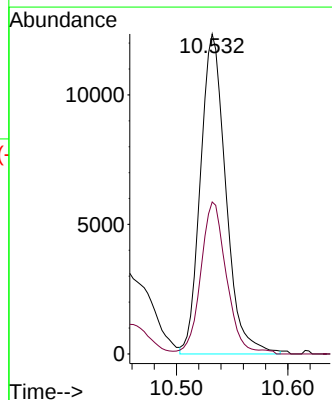
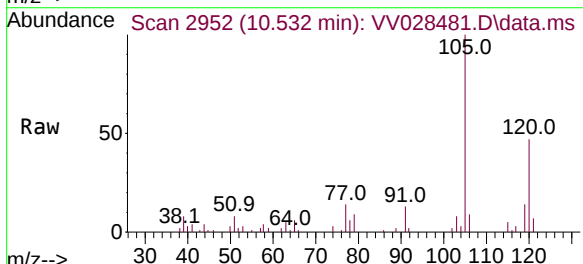
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ClientSampleId :
E10008DL

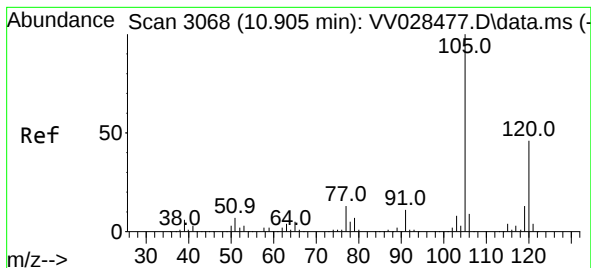
Tgt Ion:104 Resp: 41100
Ion Ratio Lower Upper
104 100
78 47.4 31.9 59.2



#62
1,3,5-Trimethylbenzene
Concen: 1.854 ug/L
RT: 10.532 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VV028481.D
Acq: 09 Oct 2022 13:06

Tgt Ion:105 Resp: 19577
Ion Ratio Lower Upper
105 100
120 45.5 39.1 58.7





#63

1,2,4-Trimethylbenzene

Concen: 4.204 ug/L

RT: 10.908 min Scan# 3068

Delta R.T. 0.003 min

Lab File: VV028481.D

Acq: 09 Oct 2022 13:06

Instrument :

MSVOA_V

ClientSampleId :

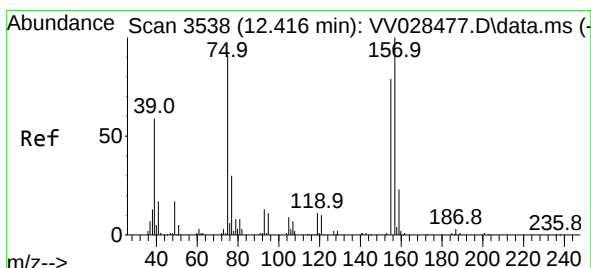
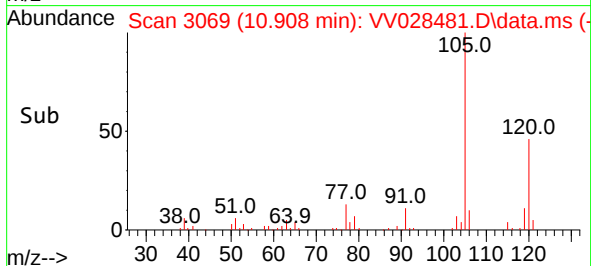
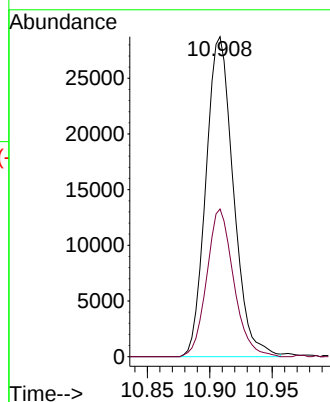
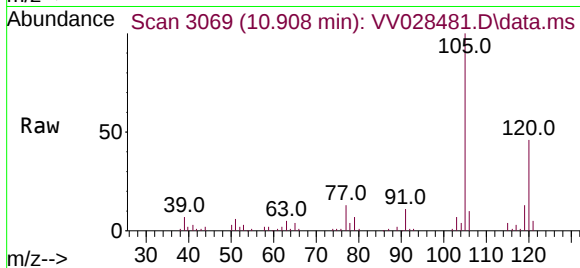
E10008DL

Tgt Ion:105 Resp: 44070

Ion Ratio Lower Upper

105 100

120 45.2 35.9 53.9



#68

1,2-Dibromo-3-chloropropane

Concen: 3.996 ug/L

RT: 12.452 min Scan# 3549

Delta R.T. 0.035 min

Lab File: VV028481.D

Acq: 09 Oct 2022 13:06

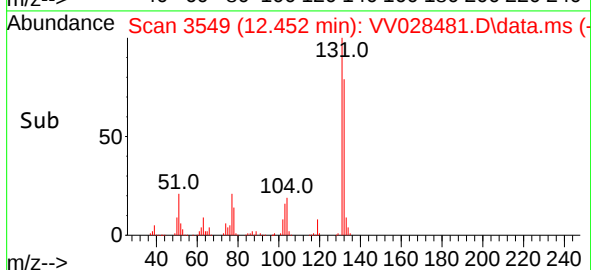
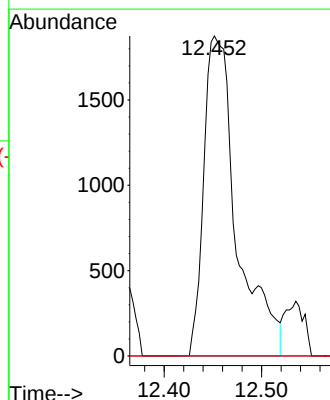
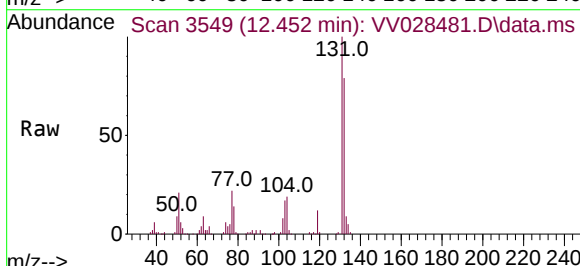
Tgt Ion: 75 Resp: 4406

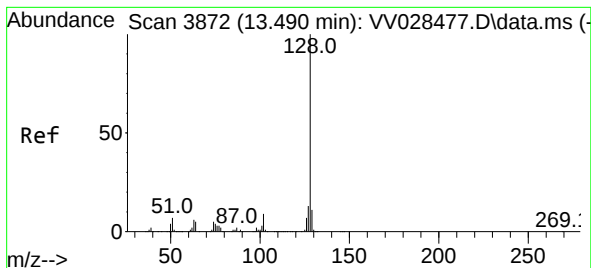
Ion Ratio Lower Upper

75 100

155 0.0 65.0 97.6#

157 0.0 86.0 129.0#





#71

Naphthalene

Concen: 275.362 ug/L

RT: 13.490 min Scan# 3872

Delta R.T. 0.000 min

Lab File: VV028481.D

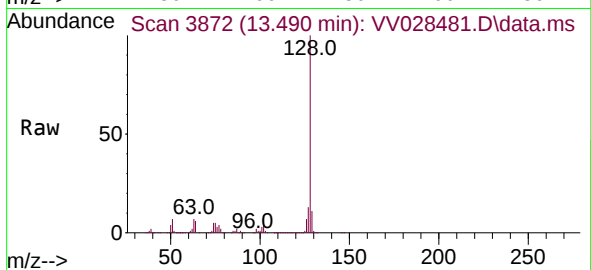
Acq: 09 Oct 2022 13:06

Instrument :

MSVOA_V

ClientSampleId :

E10008DL



Tgt Ion:128 Resp: 3058167

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	11.0	8.9	13.3

