

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
 Data File : VV028485.D
 Acq On : 09 Oct 2022 14:42
 Operator : SY/MD
 Sample : N4923-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10056

Quant Time: Oct 10 05:27:26 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)

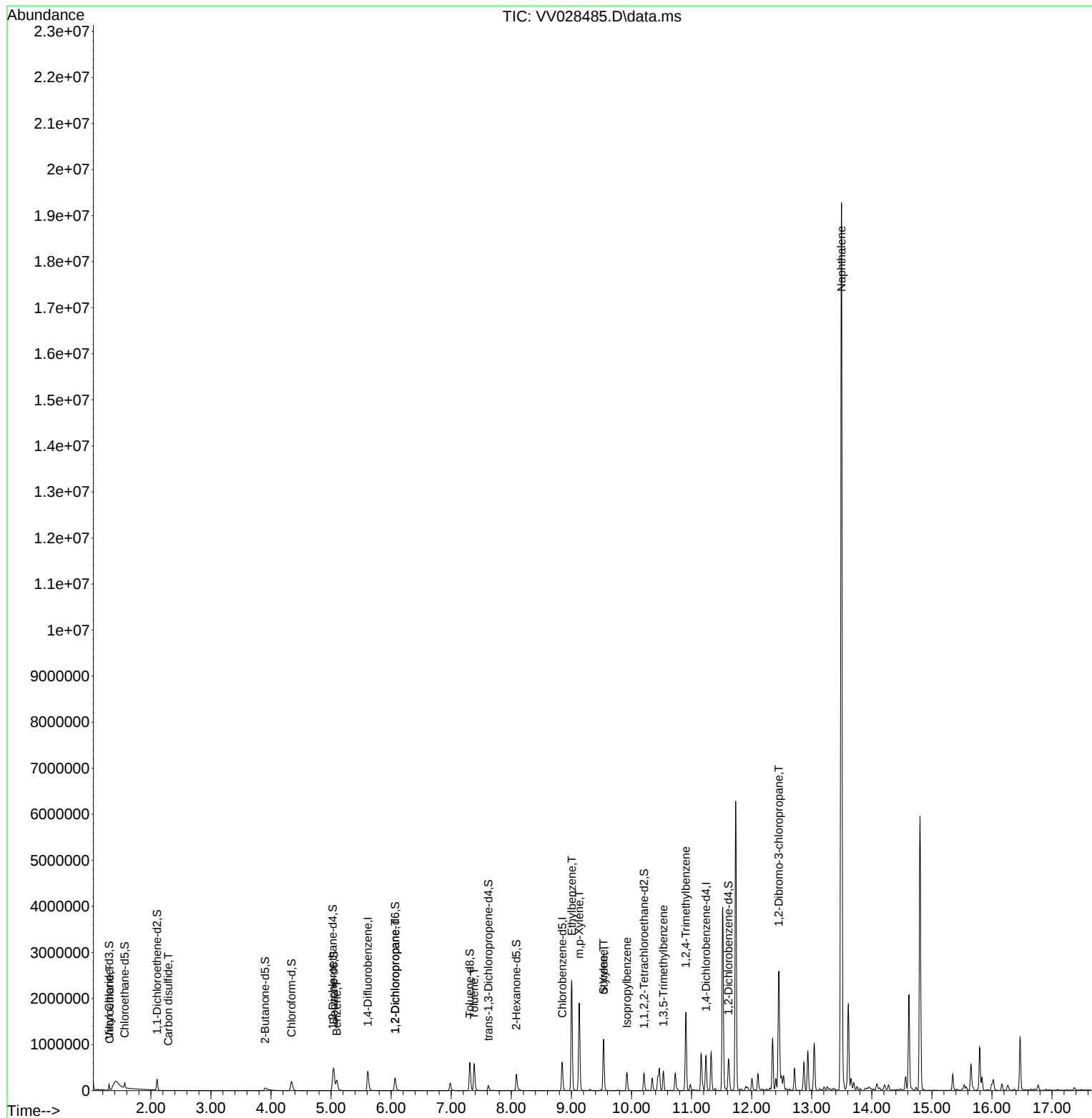
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	364433	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	338731	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	178860	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	81284	28.906	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	57.820%#		
7) Chloroethane-d5	1.564	69	68822	30.866	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	61.740%#		
11) 1,1-Dichloroethene-d2	2.105	63	121603	25.409	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	50.820%#		
21) 2-Butanone-d5	3.902	46	164635	66.881	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	66.880%		
24) Chloroform-d	4.342	84	206625	40.065	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.120%		
26) 1,2-Dichloroethane-d4	5.027	65	136209	40.952	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.900%		
32) Benzene-d6	5.043	84	420295	38.722	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.440%		
36) 1,2-Dichloropropane-d6	6.066	67	131702	37.216	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	74.440%		
41) Toluene-d8	7.310	98	395092	40.657	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.320%		
43) trans-1,3-Dichloroprop...	7.619	79	65203	36.148	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.300%		
47) 2-Hexanone-d5	8.085	63	138509	71.949	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	71.950%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	177109	36.573	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	73.140%		
66) 1,2-Dichlorobenzene-d4	11.615	152	148975	40.197	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.400%		
Target Compounds						Qvalue
8) Chloroethane	1.314	64	2516	1.337	ug/L	87
14) Carbon disulfide	2.291	76	4681	0.687	ug/L	99
33) Benzene	5.095	78	229782	20.626	ug/L	100
37) 1,2-Dichloropropane	6.066	63	15037	5.035	ug/L #	87
42) Toluene	7.381	91	414377	36.086	ug/L	100
52) Ethylbenzene	9.005	91	1625778	129.897	ug/L	100
53) m,p-Xylene	9.130	106	521835	110.001	ug/L	98
54) o-Xylene	9.535	106	285120	60.025	ug/L	99
55) Styrene	9.535	104	22358	2.741	ug/L #	1
60) Isopropylbenzene	9.924	105	252541	19.594	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	222864	19.965	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	891272	80.441	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.451	75	56823	48.765	ug/L #	2
71) Naphthalene	13.493	128	13971238	1190.296	ug/L	96

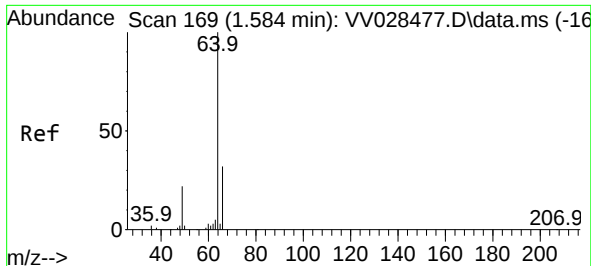
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028485.D
Acq On : 09 Oct 2022 14:42
Operator : SY/MD
Sample : N4923-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10056

Quant Time: Oct 10 05:27:26 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

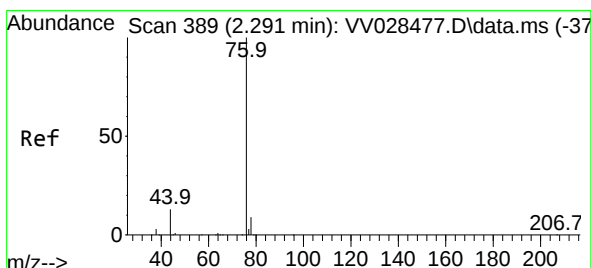
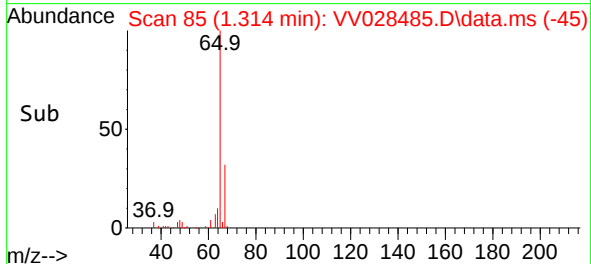
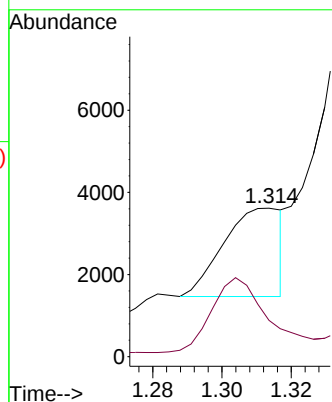
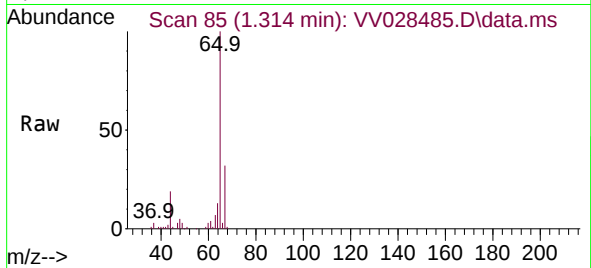




#8
Chloroethane
Concen: 1.337 ug/L
RT: 1.314 min Scan# 81
Delta R.T. -0.270 min
Lab File: VV028485.D
Acq: 09 Oct 2022 14:42

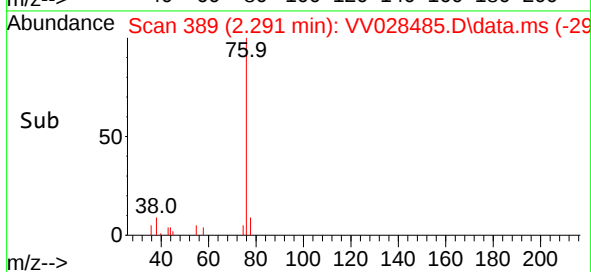
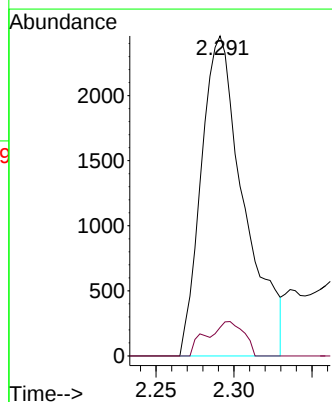
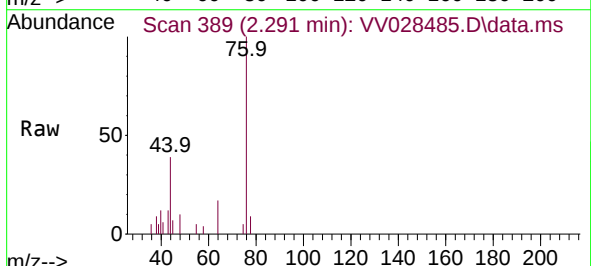
Instrument :
MSVOA_V
ClientSampleId :
E10056

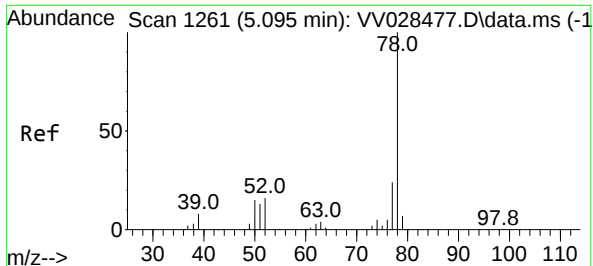
Tgt Ion: 64 Resp: 2516
Ion Ratio Lower Upper
64 100
66 24.5 22.2 41.2



#14
Carbon disulfide
Concen: 0.687 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV028485.D
Acq: 09 Oct 2022 14:42

Tgt Ion: 76 Resp: 4681
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

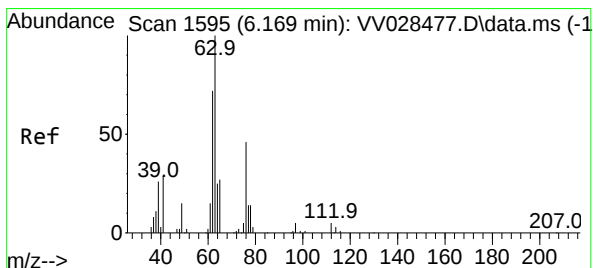
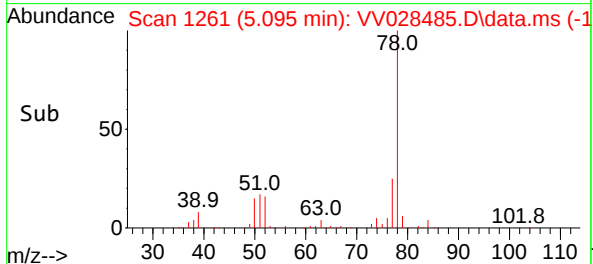
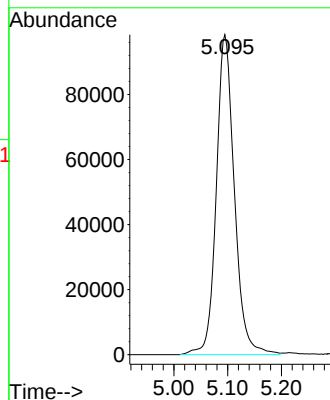
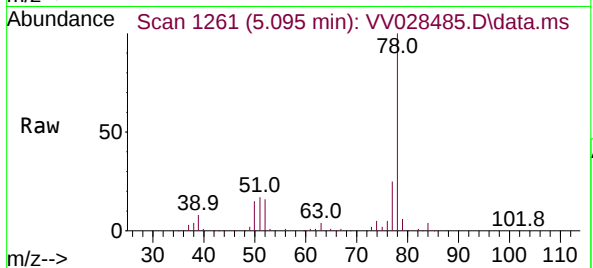




#33
Benzene
Concen: 20.626 ug/L
RT: 5.095 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV028485.D
Acq: 09 Oct 2022 14:42

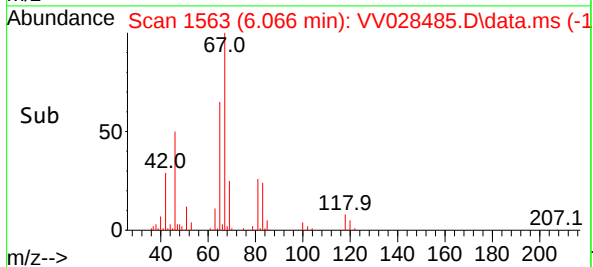
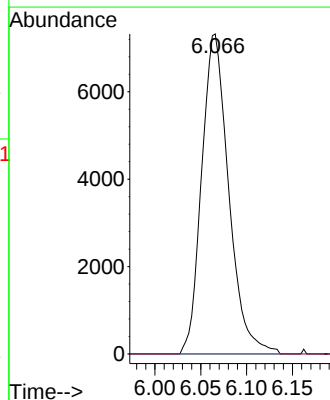
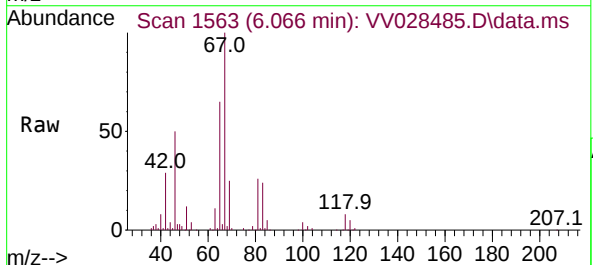
Instrument :
MSVOA_V
ClientSampleId :
E10056

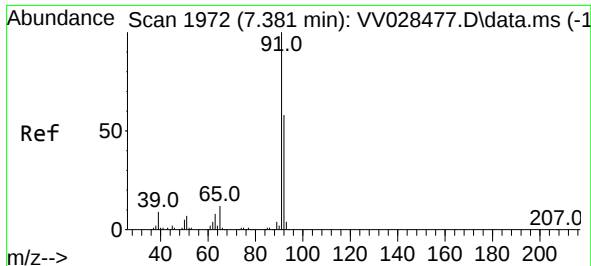
Tgt Ion: 78 Resp: 229782



#37
1,2-Dichloropropane
Concen: 5.035 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV028485.D
Acq: 09 Oct 2022 14:42

Tgt Ion: 63 Resp: 15037
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

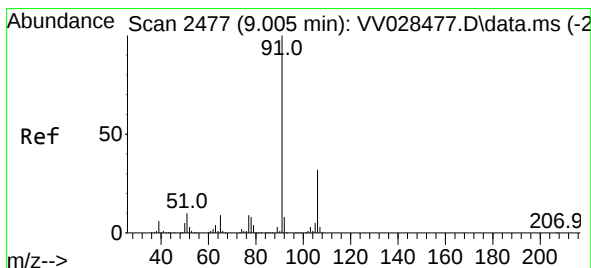
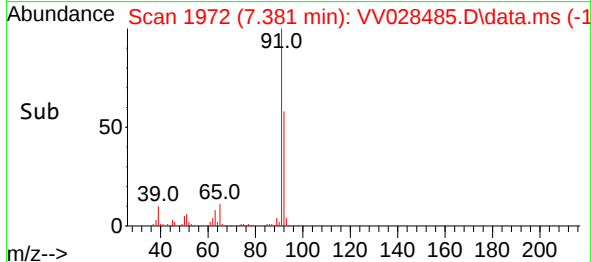
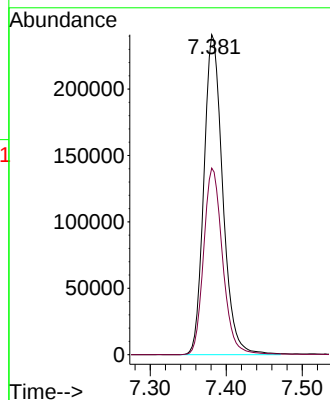
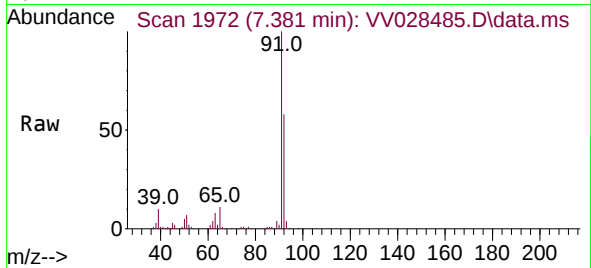




#42
Toluene
Concen: 36.086 ug/L
RT: 7.381 min Scan# 1972
Delta R.T. -0.000 min
Lab File: VV028485.D
Acq: 09 Oct 2022 14:42

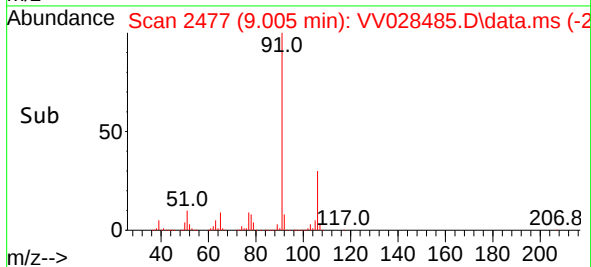
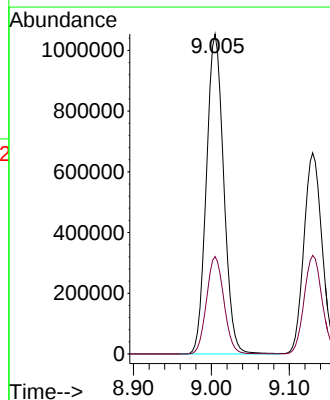
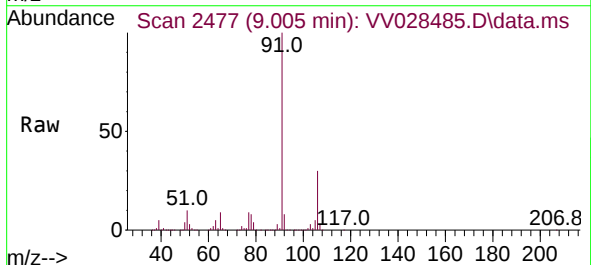
Instrument :
MSVOA_V
ClientSampleId :
E10056

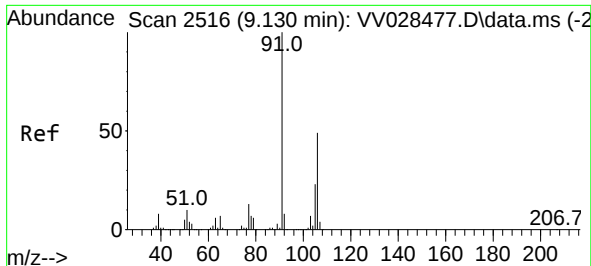
Tgt Ion: 91 Resp: 414377
Ion Ratio Lower Upper
91 100
92 58.3 40.9 76.0



#52
Ethylbenzene
Concen: 129.897 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.000 min
Lab File: VV028485.D
Acq: 09 Oct 2022 14:42

Tgt Ion: 91 Resp: 1625778
Ion Ratio Lower Upper
91 100
106 30.5 21.4 39.8

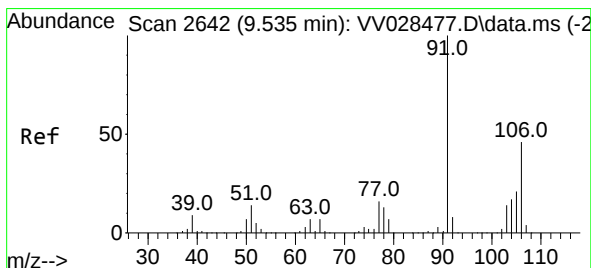
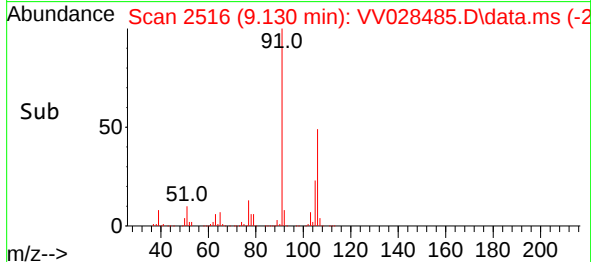
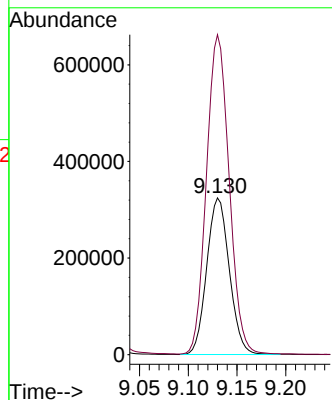
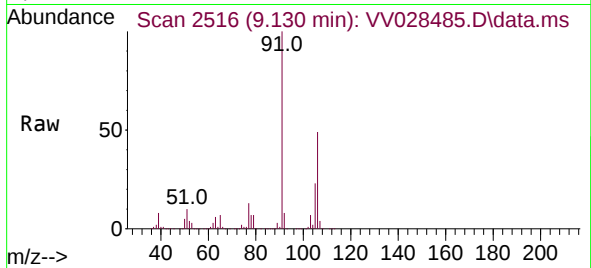




#53
m,p-Xylene
Concen: 110.001 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV028485.D
Acq: 09 Oct 2022 14:42

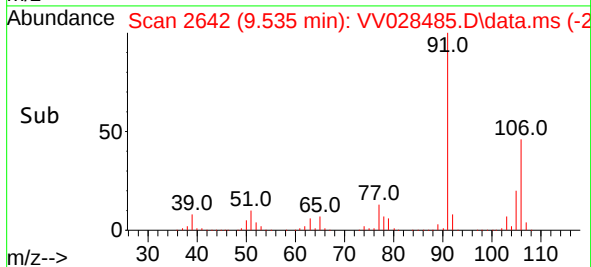
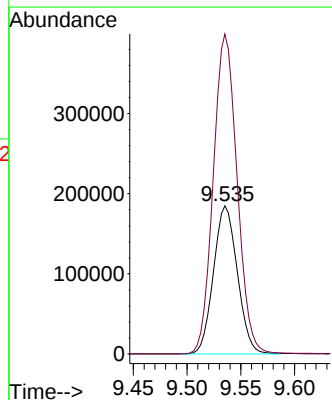
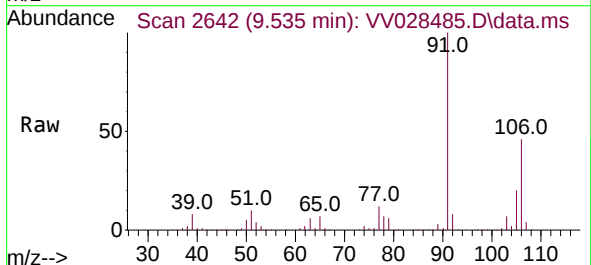
Instrument :
MSVOA_V
ClientSampleId :
E10056

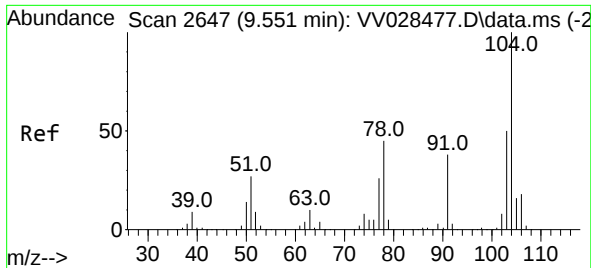
Tgt Ion:106 Resp: 521835
Ion Ratio Lower Upper
106 100
91 204.0 145.2 269.6



#54
o-Xylene
Concen: 60.025 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV028485.D
Acq: 09 Oct 2022 14:42

Tgt Ion:106 Resp: 285120
Ion Ratio Lower Upper
106 100
91 216.0 152.5 283.3

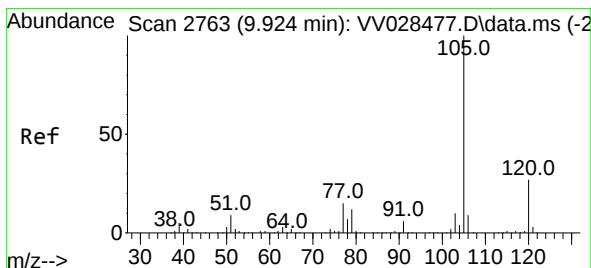
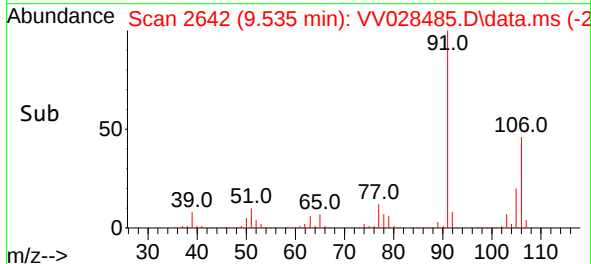
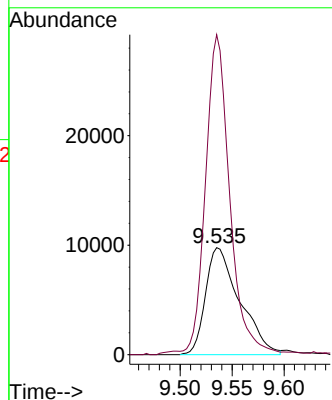
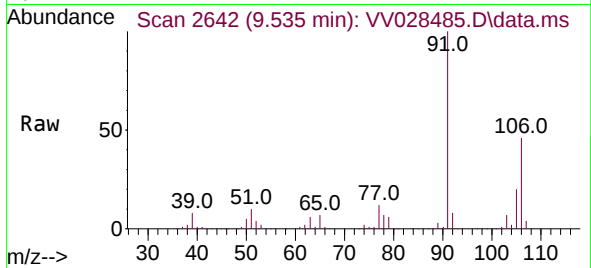




#55
Styrene
Concen: 2.741 ug/L
RT: 9.535 min Scan# 20
Delta R.T. -0.016 min
Lab File: VV028485.D
Acq: 09 Oct 2022 14:42

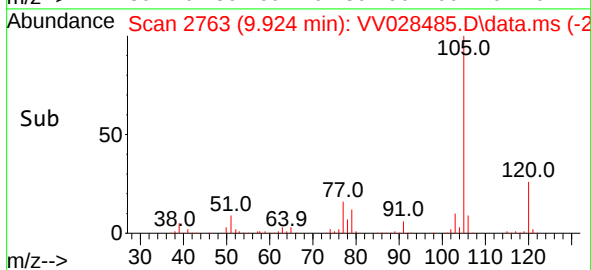
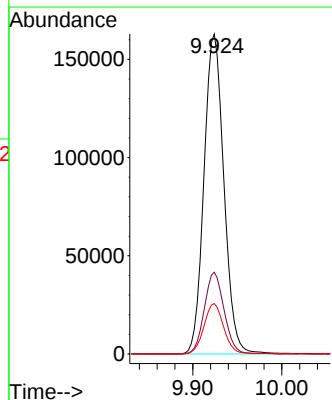
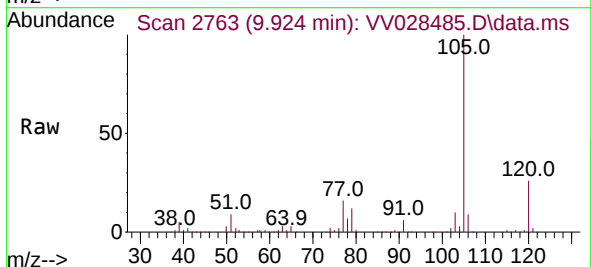
Instrument :
MSVOA_V
ClientSampleId :
E10056

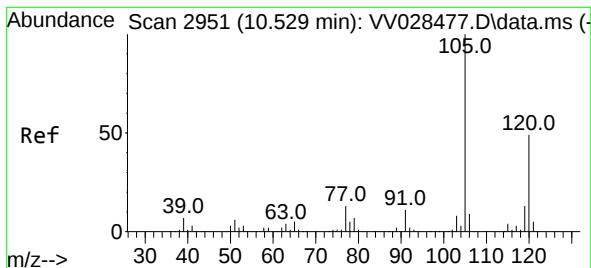
Tgt Ion:104 Resp: 22358
Ion Ratio Lower Upper
104 100
78 298.9 31.9 59.2#



#60
Isopropylbenzene
Concen: 19.594 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. -0.000 min
Lab File: VV028485.D
Acq: 09 Oct 2022 14:42

Tgt Ion:105 Resp: 252541
Ion Ratio Lower Upper
105 100
120 25.3 20.5 30.7
77 15.7 12.7 19.1





#62

1,3,5-Trimethylbenzene

Concen: 19.965 ug/L

RT: 10.532 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VV028485.D

Acq: 09 Oct 2022 14:42

Instrument :

MSVOA_V

ClientSampleId :

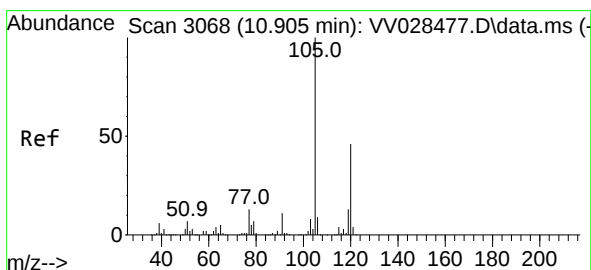
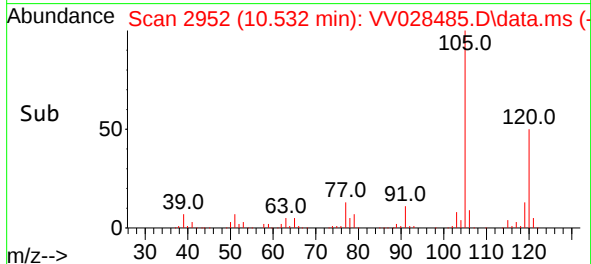
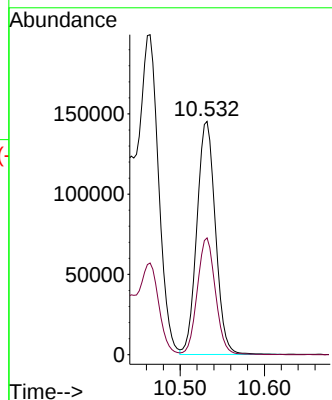
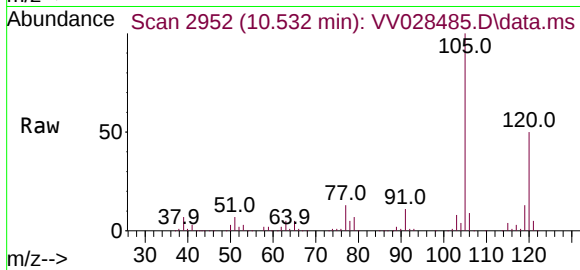
E10056

Tgt Ion:105 Resp: 222864

Ion Ratio Lower Upper

105 100

120 49.0 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 80.441 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. -0.000 min

Lab File: VV028485.D

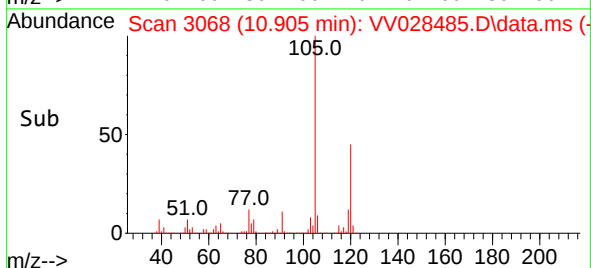
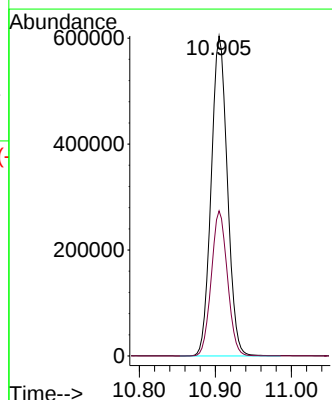
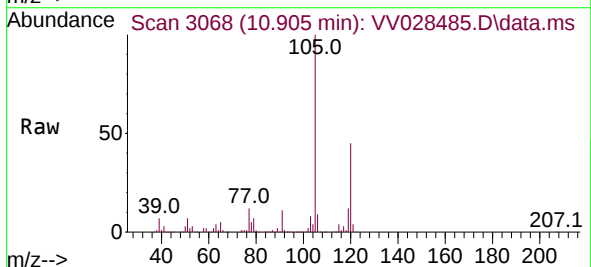
Acq: 09 Oct 2022 14:42

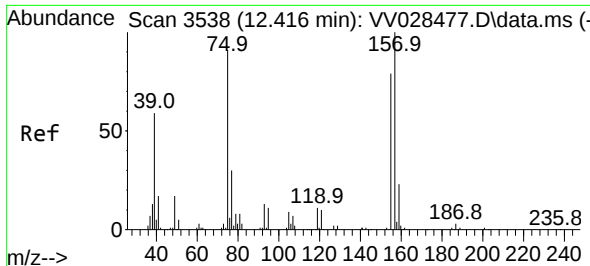
Tgt Ion:105 Resp: 891272

Ion Ratio Lower Upper

105 100

120 45.1 35.9 53.9

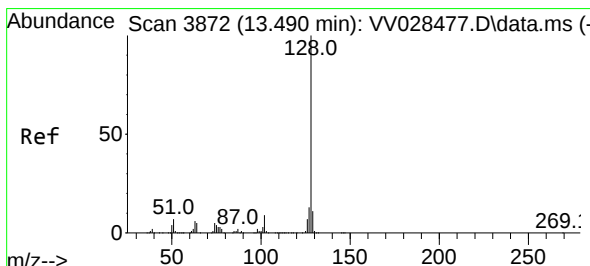
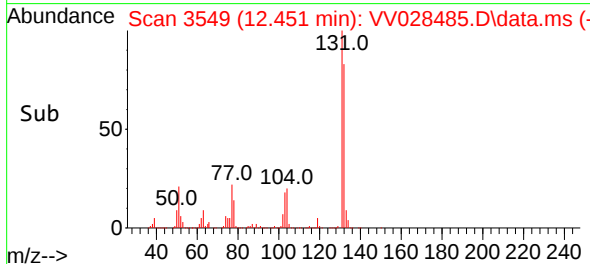
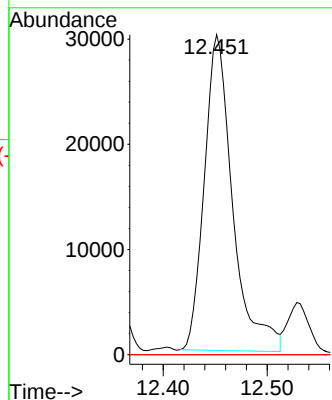
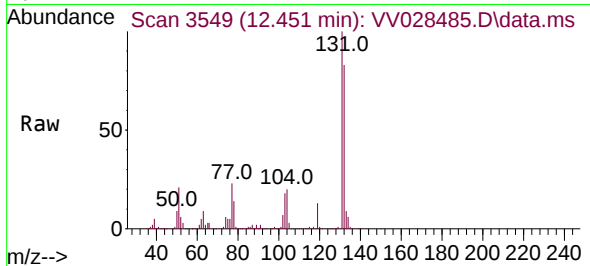




#68
1,2-Dibromo-3-chloropropane
Concen: 48.765 ug/L
RT: 12.451 min Scan# 3549
Delta R.T. 0.035 min
Lab File: VV028485.D
Acq: 09 Oct 2022 14:42

Instrument :
MSVOA_V
ClientSampleId :
E10056

Tgt Ion: 75 Resp: 56823
Ion Ratio Lower Upper
75 100
155 0.0 65.0 97.6#
157 0.0 86.0 129.0#



#71
Naphthalene
Concen: 1190.296 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.003 min
Lab File: VV028485.D
Acq: 09 Oct 2022 14:42

Tgt Ion: 128 Resp: 13971238
Ion Ratio Lower Upper
128 100
127 14.8 10.6 15.8
129 12.5 8.9 13.3

