

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101822\
 Data File : VW028604.D
 Acq On : 18 Oct 2022 10:48
 Operator : SY/MD
 Sample : N5163-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 00:36:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 19 00:35:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	175843	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	167646	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	77486	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	65455	4.325	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.564	69	64052	5.148	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.000%
11) 1,1-Dichloroethene-d2	2.101	63	98484	3.593	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	3.908	46	111873	34.387	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.780%
24) Chloroform-d	4.342	84	114208	4.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.030	65	61425	5.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.043	84	233506	4.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.066	67	79360	4.543	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.310	98	191782	4.472	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.619	79	22531	3.818	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.088	63	114684	45.025	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.060%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	49666	4.774	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.615	152	63496	4.966	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	1324	0.080	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	1114	0.095	ug/L #	23
12) 1,1-Dichloroethene	2.104	96	1025	0.094	ug/L #	1
16) Methylene chloride	2.503	84	3881	0.252	ug/L	90
25) Chloroform	4.371	83	6525	0.268	ug/L	84
33) Benzene	5.095	78	32414	0.547	ug/L	100
35) Methylcyclohexane	6.063	83	17816	0.756	ug/L #	17
39) cis-1,3-Dichloropropene	6.982	75	1574	0.078	ug/L	93
42) Toluene	7.384	91	85215	1.533	ug/L	100
52) Ethylbenzene	9.017	91	2508	0.041	ug/L	91
53) m,p-Xylene	9.136	106	8697	0.377	ug/L	95
54) o-Xylene	9.538	106	16838	0.752	ug/L	98
60) Isopropylbenzene	10.738	105	3162	0.056	ug/L	97
61) 1,2,3-Trichloropropane	9.538	75	775	0.112	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.911	105	3771	0.222	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	3771	0.081	ug/L	99
71) Naphthalene	13.500	128	10888	0.547	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101822\
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Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 19 00:36:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 19 00:35:12 2022
Response via : Initial Calibration

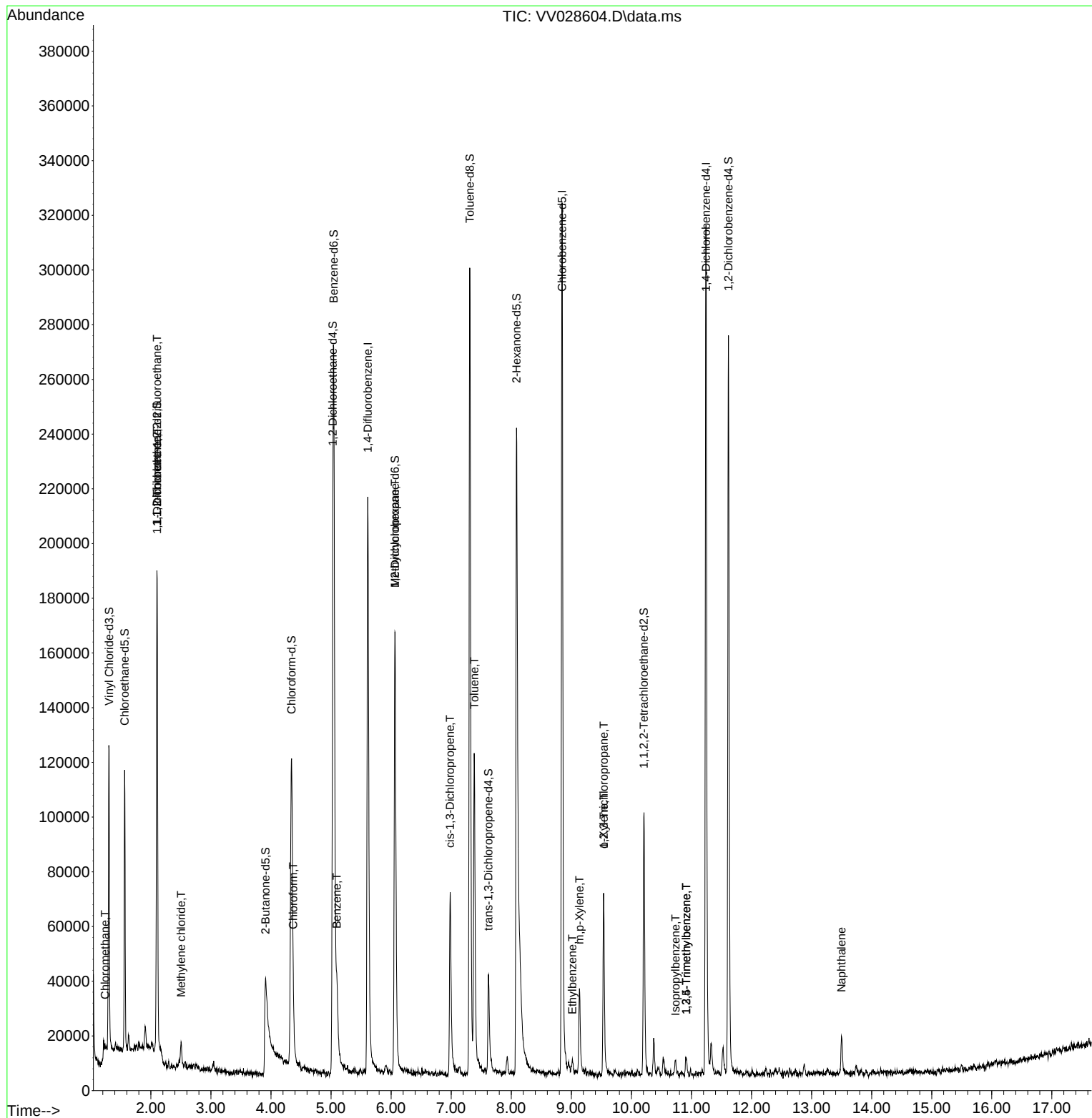
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

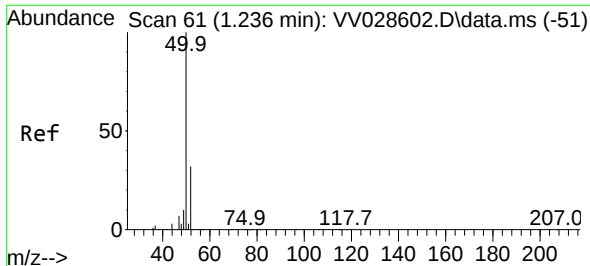
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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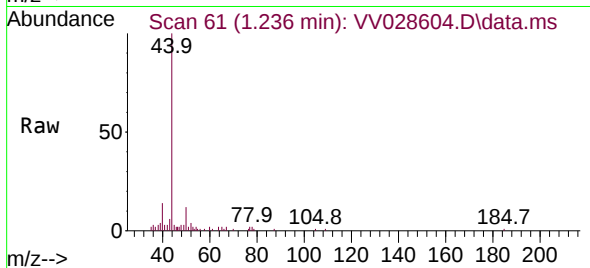
Quant Time: Oct 19 00:36:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0
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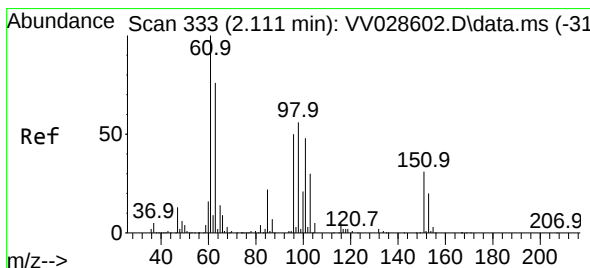
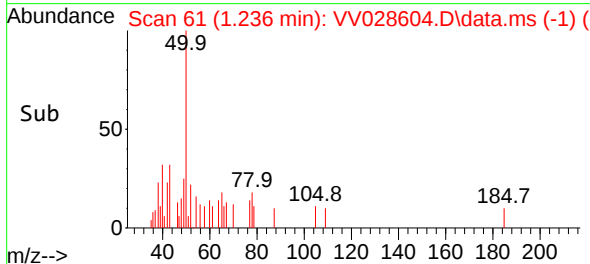
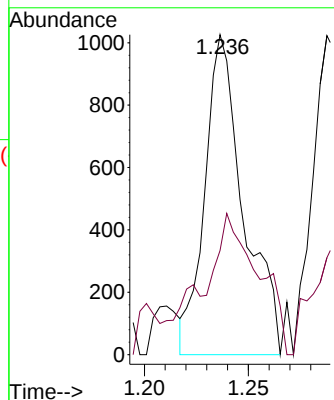


#3
Chloromethane
Concen: 0.080 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028604.D
Acq: 18 Oct 2022 10:48

Instrument :
MSVOA_V
ClientSampleId :

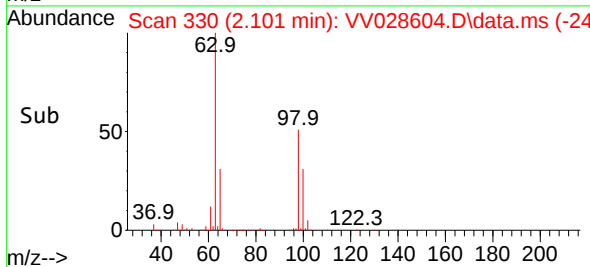
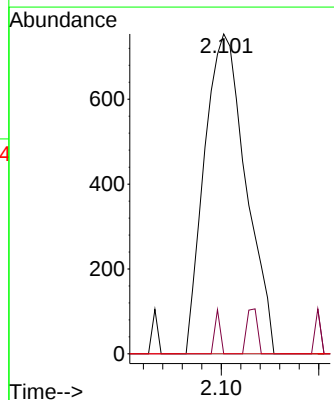
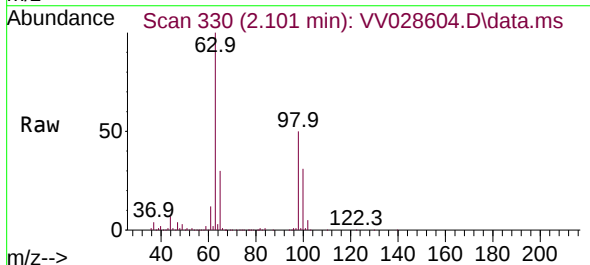


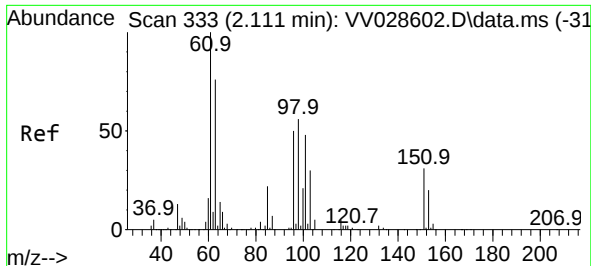
Tgt Ion: 50 Resp: 1324
Ion Ratio Lower Upper
50 100
52 32.6 22.0 41.0



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.095 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.010 min
Lab File: VV028604.D
Acq: 18 Oct 2022 10:48

Tgt Ion: 101 Resp: 1114
Ion Ratio Lower Upper
101 100
85 1.8 37.3 55.9#
151 0.0 52.8 79.2#





#12

1,1-Dichloroethene

Concen: 0.094 ug/L

RT: 2.104 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV028604.D

Acq: 18 Oct 2022 10:48

Instrument :

MSVOA_V

ClientSampleId :

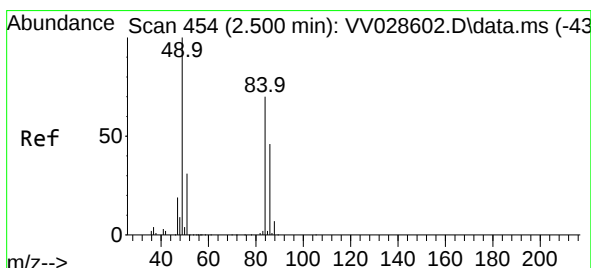
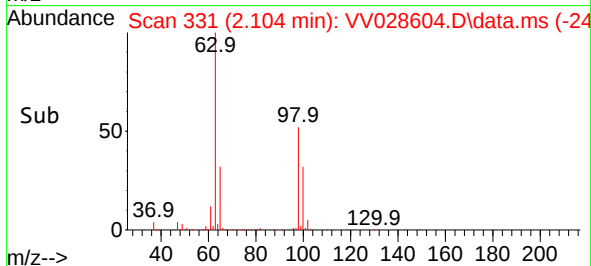
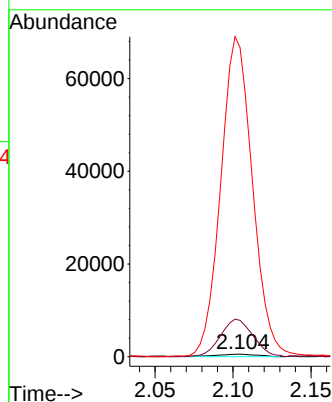
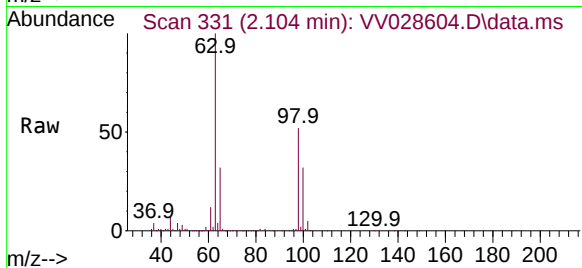
Tgt Ion: 96 Resp: 1025

Ion Ratio Lower Upper

96 100

61 1442.9 142.9 265.5#

63 12290.2 102.3 190.1#



#16

Methylene chloride

Concen: 0.252 ug/L

RT: 2.503 min Scan# 455

Delta R.T. 0.003 min

Lab File: VV028604.D

Acq: 18 Oct 2022 10:48

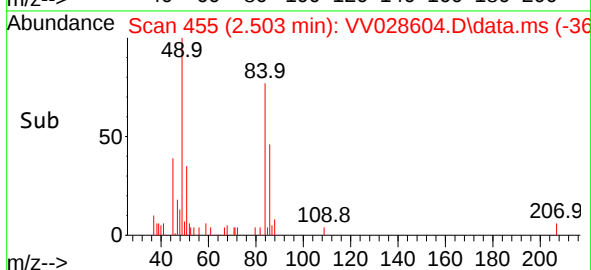
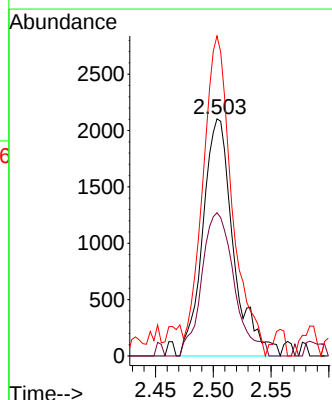
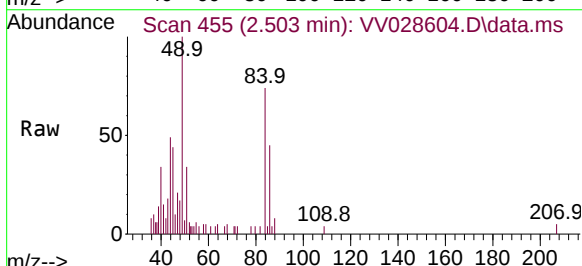
Tgt Ion: 84 Resp: 3881

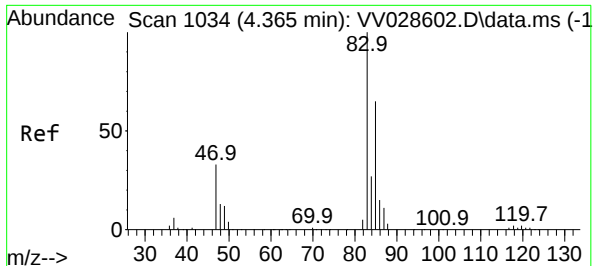
Ion Ratio Lower Upper

84 100

86 60.4 42.8 79.6

49 134.9 106.4 197.6





#25

Chloroform

Concen: 0.268 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV028604.D

Acq: 18 Oct 2022 10:48

Instrument :

MSVOA_V

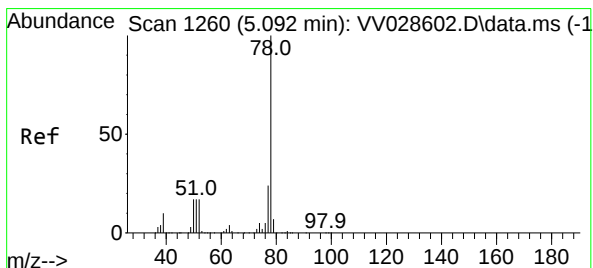
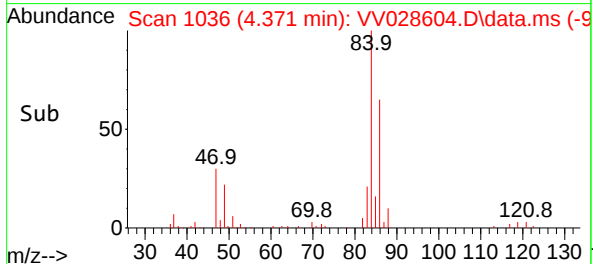
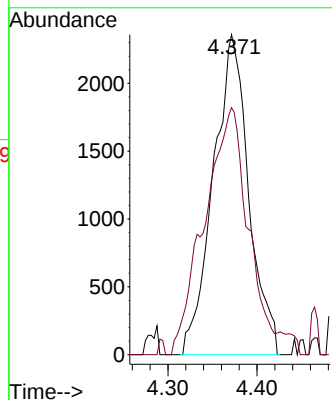
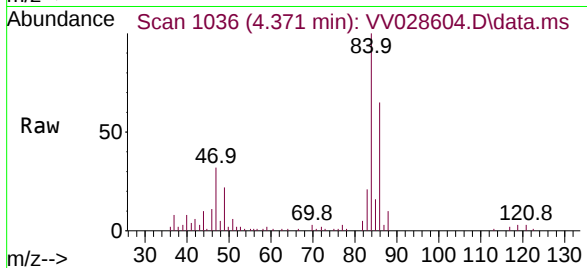
ClientSampleId :

Tgt Ion: 83 Resp: 6525

Ion Ratio Lower Upper

83 100

85 77.2 45.1 83.9



#33

Benzene

Concen: 0.547 ug/L

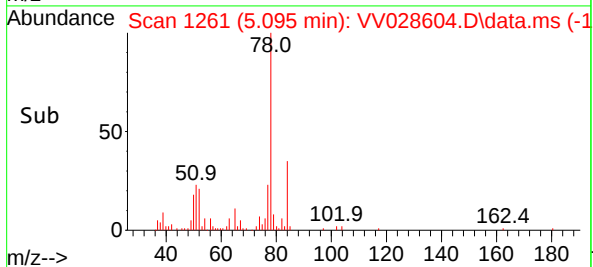
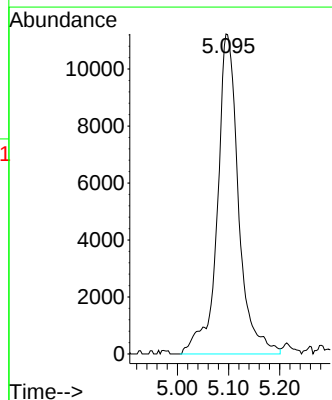
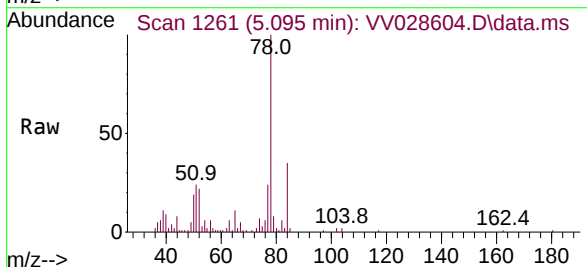
RT: 5.095 min Scan# 1261

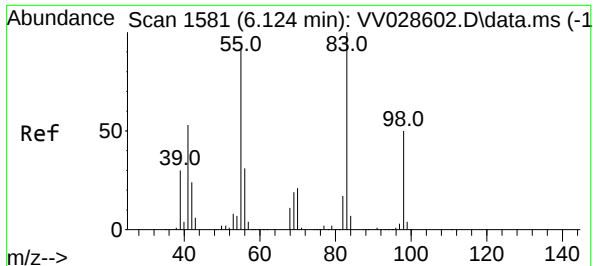
Delta R.T. 0.003 min

Lab File: VV028604.D

Acq: 18 Oct 2022 10:48

Tgt Ion: 78 Resp: 32414

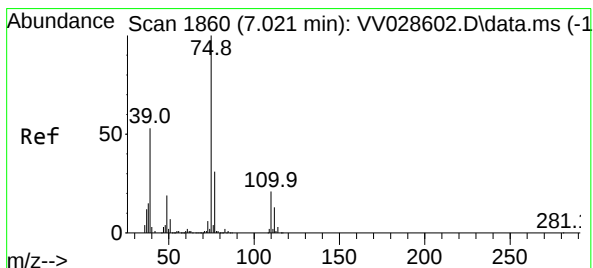
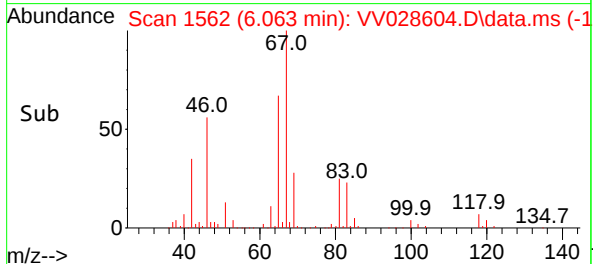
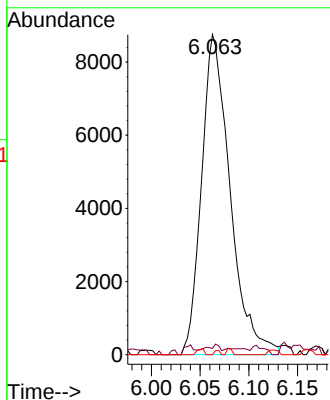
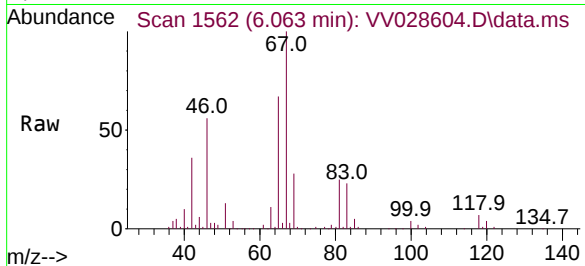




#35
Methylcyclohexane
Concen: 0.756 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV028604.D
Acq: 18 Oct 2022 10:48

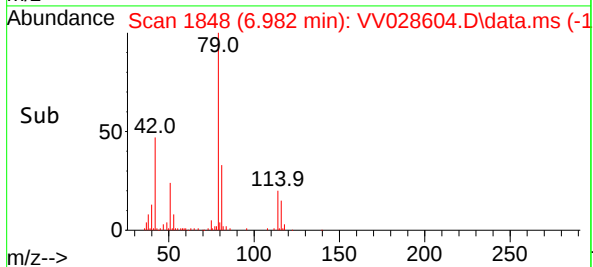
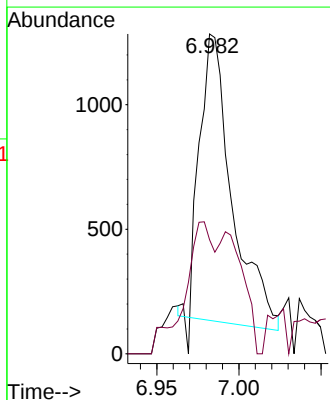
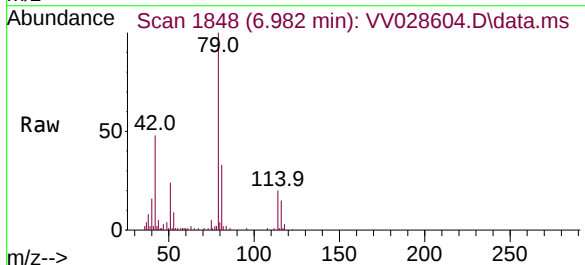
Instrument :
MSVOA_V
ClientSampleId :

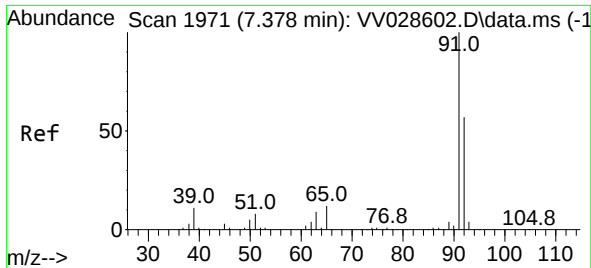
Tgt Ion: 83 Resp: 17816
Ion Ratio Lower Upper
83 100
55 0.5 65.0 97.6#
98 0.2 36.4 54.6#



#39
cis-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.039 min
Lab File: VV028604.D
Acq: 18 Oct 2022 10:48

Tgt Ion: 75 Resp: 1574
Ion Ratio Lower Upper
75 100
77 35.7 22.1 41.1





#42

Toluene

Concen: 1.533 ug/L

RT: 7.384 min Scan# 1971

Delta R.T. 0.006 min

Lab File: VV028604.D

Acq: 18 Oct 2022 10:48

Instrument :

MSVOA_V

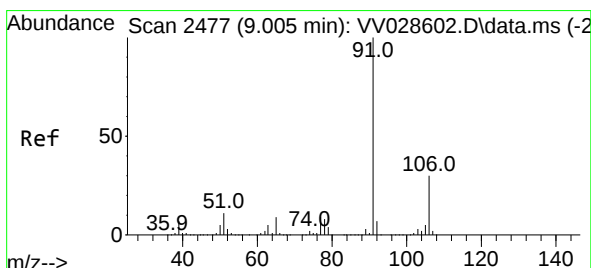
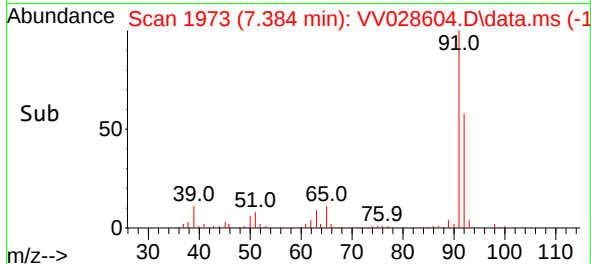
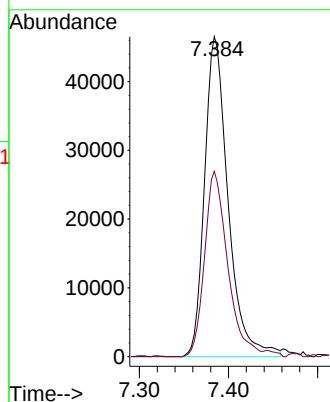
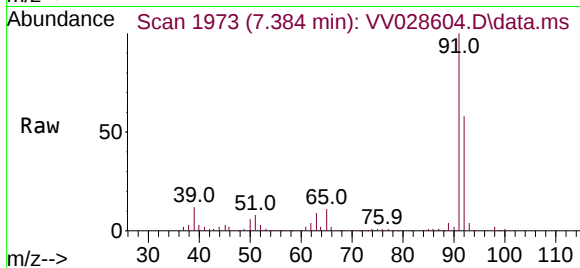
ClientSampleId :

Tgt Ion: 91 Resp: 85215

Ion Ratio Lower Upper

91 100

92 57.9 40.7 75.5



#52

Ethylbenzene

Concen: 0.041 ug/L

RT: 9.017 min Scan# 2481

Delta R.T. 0.013 min

Lab File: VV028604.D

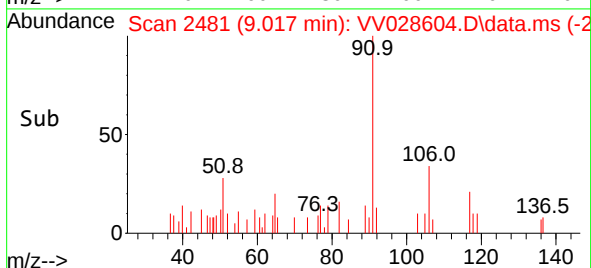
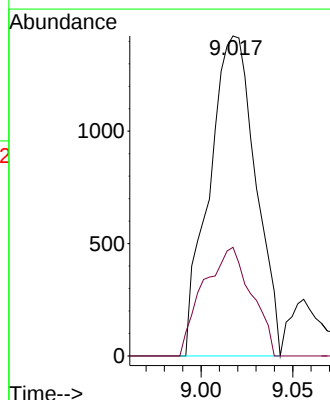
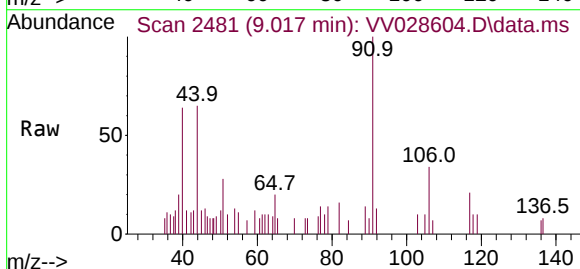
Acq: 18 Oct 2022 10:48

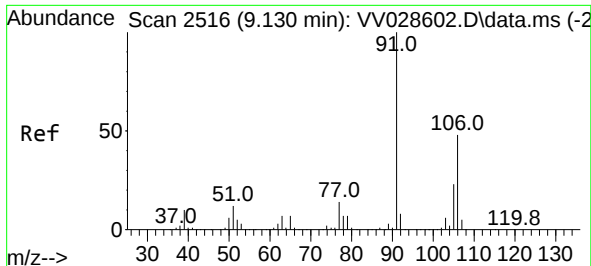
Tgt Ion: 91 Resp: 2508

Ion Ratio Lower Upper

91 100

106 33.9 20.3 37.7

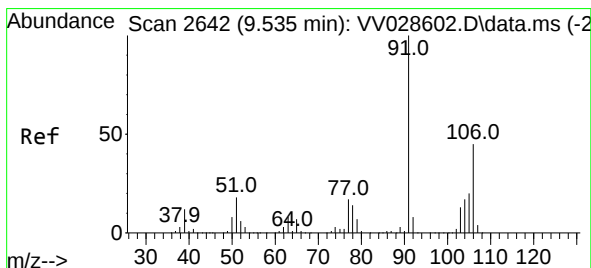
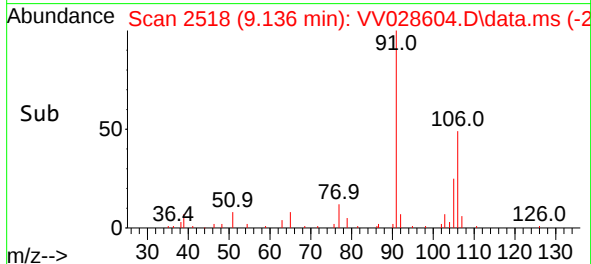
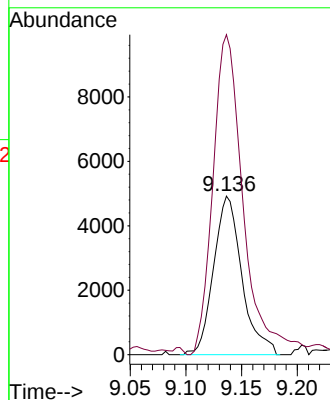
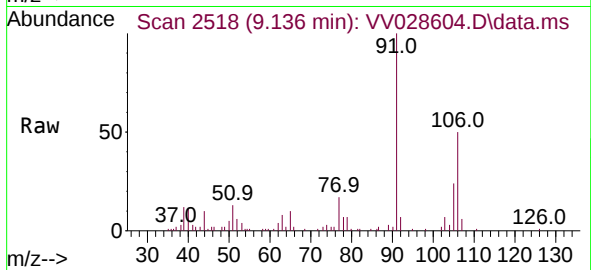




#53
m,p-Xylene
Concen: 0.377 ug/L
RT: 9.136 min Scan# 2516
Delta R.T. 0.006 min
Lab File: VV028604.D
Acq: 18 Oct 2022 10:48

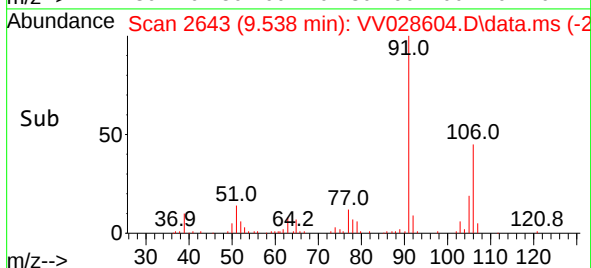
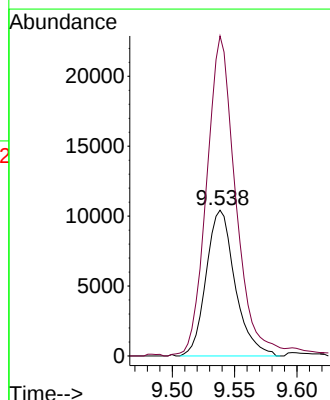
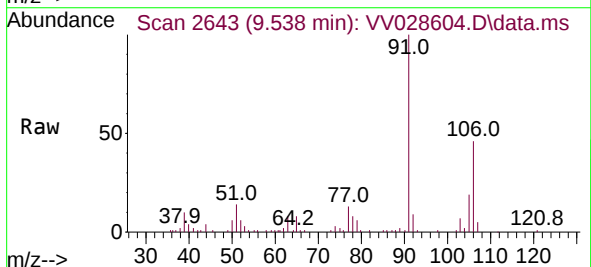
Instrument :
MSVOA_V
ClientSampleId :

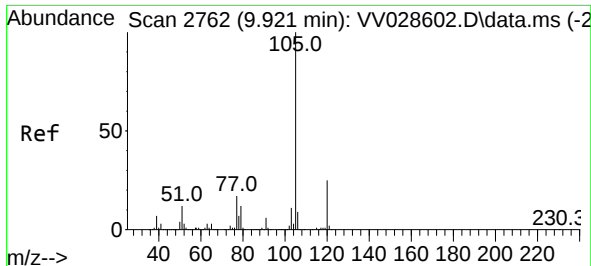
Tgt Ion:106 Resp: 8697
Ion Ratio Lower Upper
106 100
91 201.7 146.9 272.9



#54
o-Xylene
Concen: 0.752 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV028604.D
Acq: 18 Oct 2022 10:48

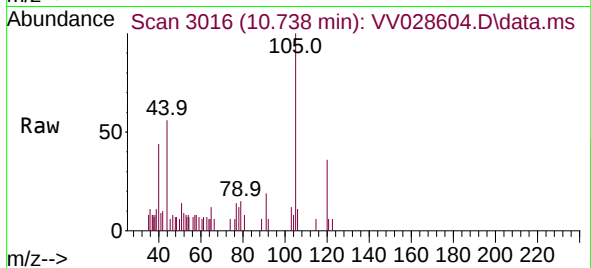
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Ion Ratio Lower Upper
106 100
91 219.6 151.4 281.2



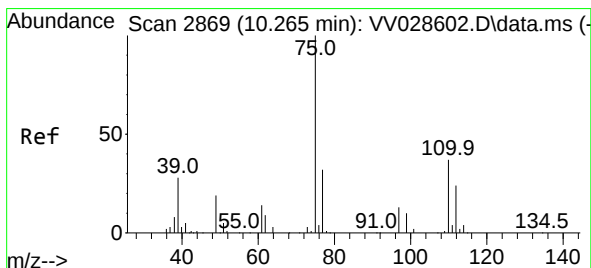
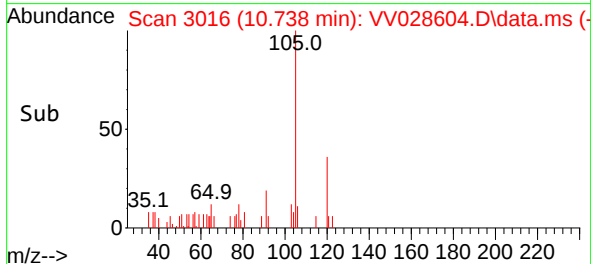
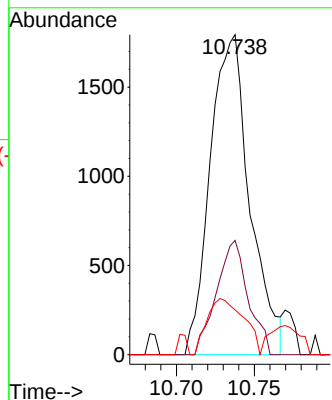


#60
Isopropylbenzene
Concen: 0.056 ug/L
RT: 10.738 min Scan# 30
Delta R.T. 0.817 min
Lab File: VV028604.D
Acq: 18 Oct 2022 10:48

Instrument :
MSVOA_V
ClientSampleId :

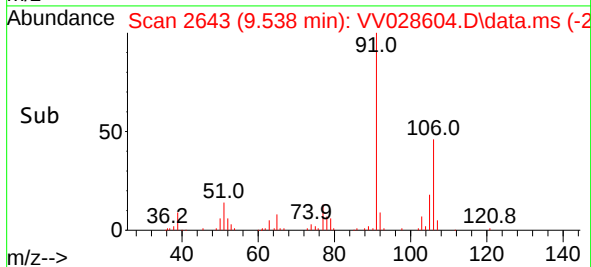
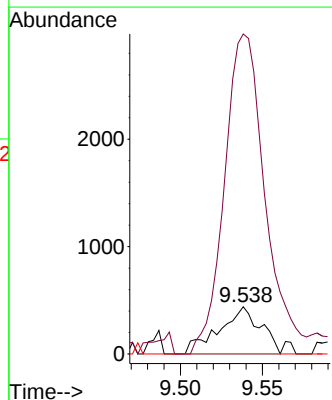
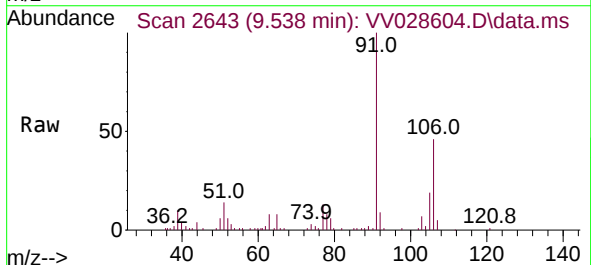


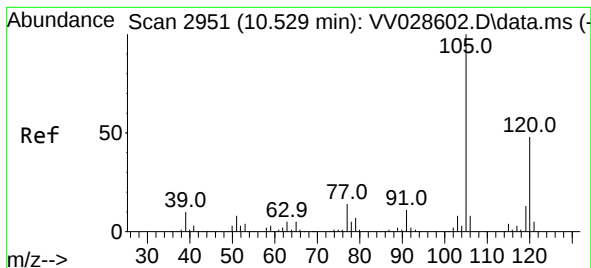
Tgt Ion:105 Resp: 3162
Ion Ratio Lower Upper
105 100
120 28.6 20.7 31.1
77 16.3 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 0.112 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.727 min
Lab File: VV028604.D
Acq: 18 Oct 2022 10:48

Tgt Ion: 75 Resp: 775
Ion Ratio Lower Upper
75 100
77 660.9 24.6 37.0#
110 2.6 28.3 42.5#





#62

1,3,5-Trimethylbenzene

Concen: 0.222 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.383 min

Lab File: VV028604.D

Acq: 18 Oct 2022 10:48

Instrument :

MSVOA_V

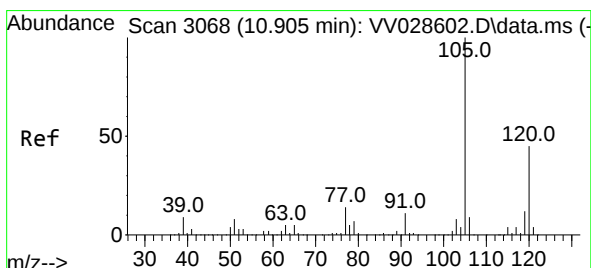
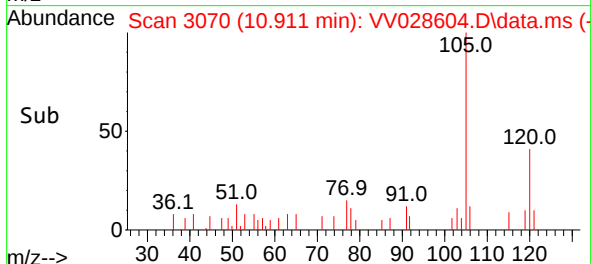
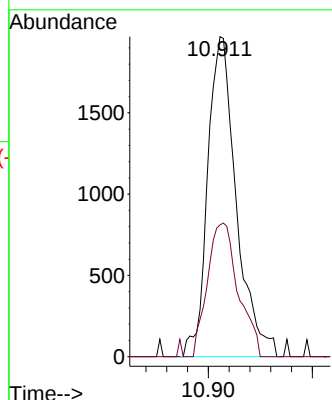
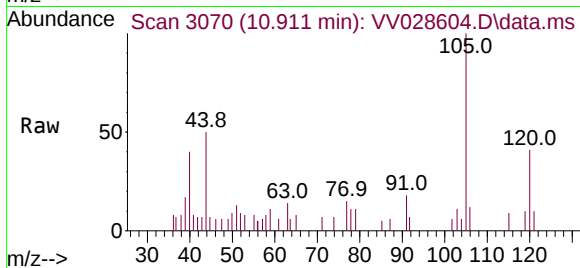
ClientSampleId :

Tgt Ion:105 Resp: 3771

Ion Ratio Lower Upper

105 100

120 44.9 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 0.081 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.006 min

Lab File: VV028604.D

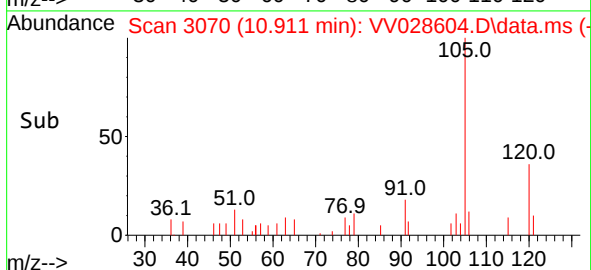
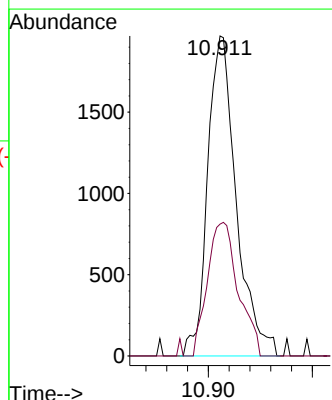
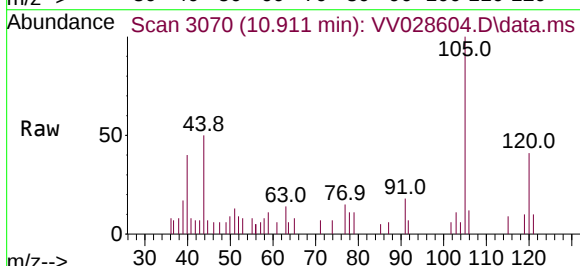
Acq: 18 Oct 2022 10:48

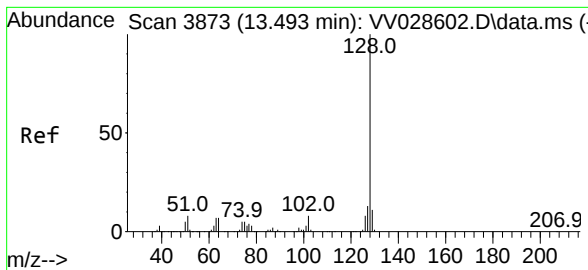
Tgt Ion:105 Resp: 3771

Ion Ratio Lower Upper

105 100

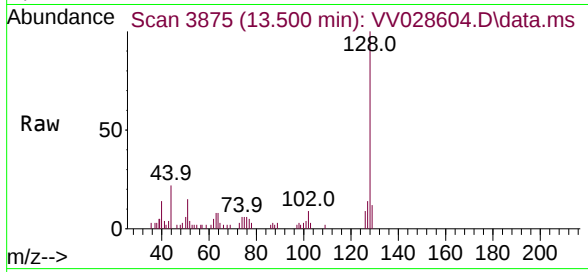
120 44.9 35.6 53.4





#71
Naphthalene
Concen: 0.547 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.006 min
Lab File: VV028604.D
Acq: 18 Oct 2022 10:48

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	10888
Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.2	10.1	15.1

