

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023559.D
 Acq On : 17 Nov 2021 01:33
 Operator : SY/MD
 Sample : M4627-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4667

Quant Time: Nov 17 03:42:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 02:49:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	126484	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	117469	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61368	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	23856	3.011	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.200%
7) Chloroethane-d5	1.568	69	26679	4.131	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.105	63	35623	2.402	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.000%#
20) 2-Butanone-d5	3.995	46	54390	39.843	ug/L	0.09
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.680%
24) Chloroform-d	4.346	84	65751	3.894	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
26) 1,2-Dichloroethane-d4	5.040	65	30217	3.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
32) Benzene-d6	5.047	84	118789	3.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.082	67	39850	4.491	ug/L	0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.320	98	105192	3.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	7.632	79	12390	3.683	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.600%
46) 2-Hexanone-d5	8.108	63	44922	36.292	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25959	4.068	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	44914	4.395	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
5) Vinyl chloride	1.307	62	4868	0.465	ug/L #	69
8) Chloroethane	1.584	64	4404	0.729	ug/L	90
14) Carbon disulfide	2.285	76	1929	0.068	ug/L #	90
18) trans-1,2-Dichloroethene	2.751	96	9916	1.069	ug/L	94
19) 1,1-Dichloroethane	3.182	63	7592	0.485	ug/L	94
22) cis-1,2-Dichloroethene	3.902	96	2804	0.314	ug/L #	91
30) Cyclohexane	4.658	56	1820	0.142	ug/L #	73
33) Benzene	5.098	78	99088	3.018	ug/L	100
34) Trichloroethene	5.921	95	912	0.104	ug/L	87
42) Toluene	7.391	91	328500	9.354	ug/L	97
51) Chlorobenzene	8.889	112	6323	0.271	ug/L	98
52) Ethylbenzene	9.014	91	100140	2.704	ug/L	97
53) m,p-xylene	9.140	106	74024	5.093	ug/L	97
54) o-xylene	9.545	106	35736	2.621	ug/L	97
60) Isopropylbenzene	9.934	105	8948	0.254	ug/L	97
62) 1,3,5-Trimethylbenzene	10.542	105	5673	0.194	ug/L	95
63) 1,2,4-Trimethylbenzene	10.918	105	16288	0.560	ug/L	99

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 02:49:39 2021
Response via : Initial Calibration

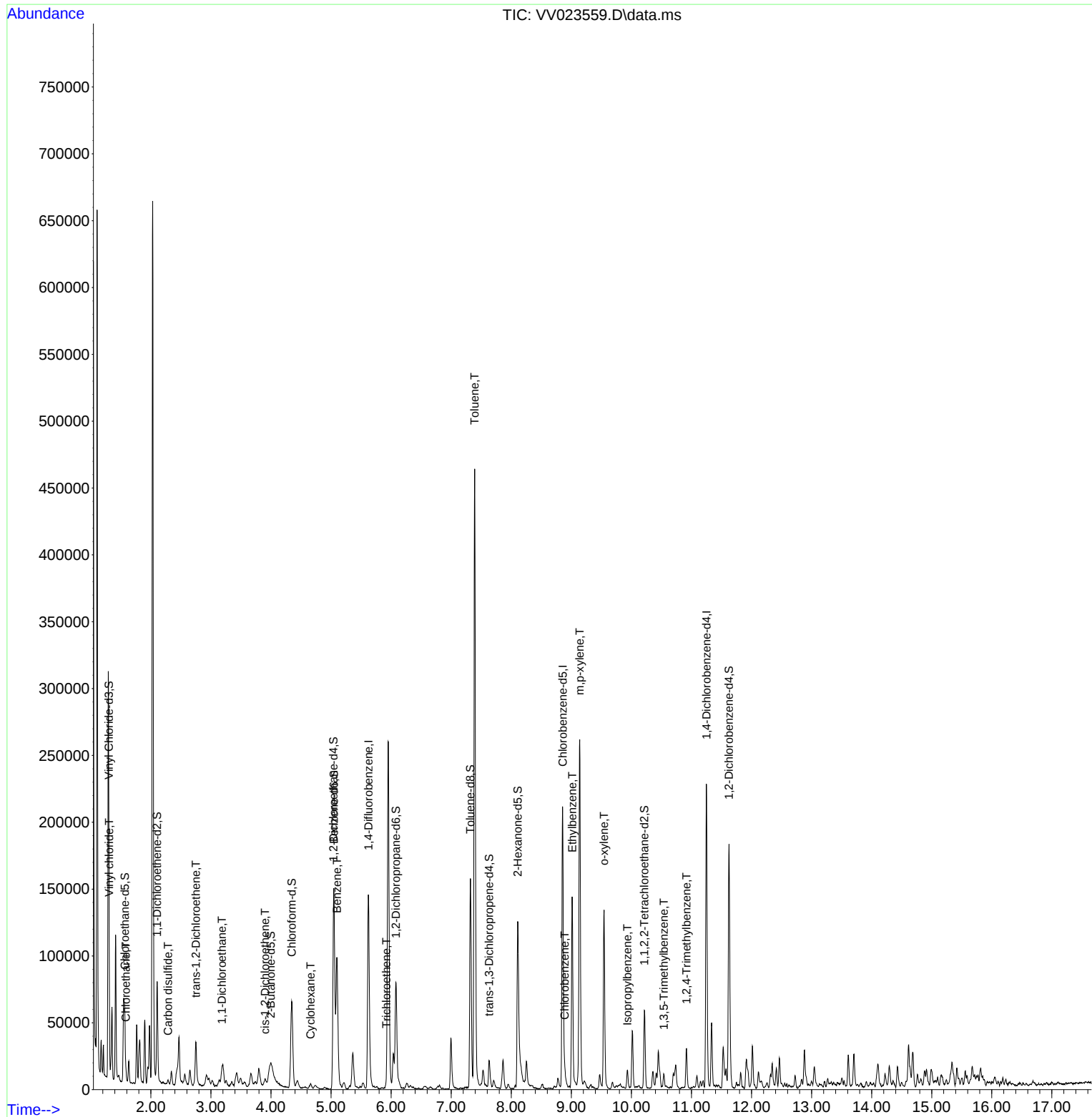
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

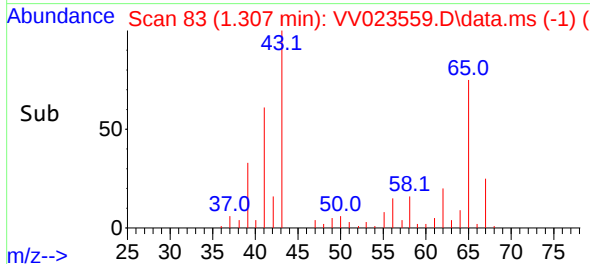
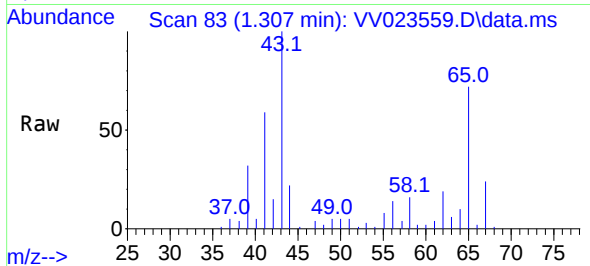
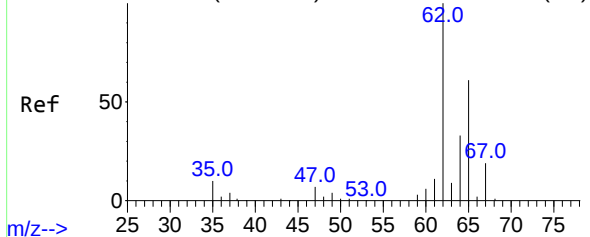
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Abundance Scan 84 (1.311 min): VV023549.D\data.ms (-76)



#5

Vinyl chloride

Concen: 0.465 ug/L

RT: 1.307 min Scan# 81

Delta R.T. -0.003 min

Lab File: VV023559.D

Acq: 17 Nov 2021 01:33

Instrument :

MSVOA_V

ClientSampleId :

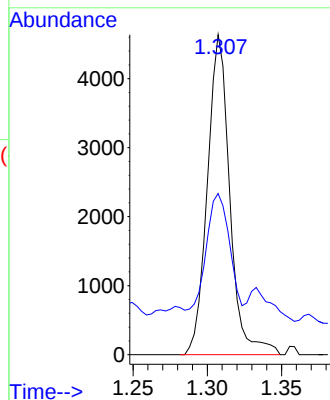
H4667

Tgt Ion: 62 Resp: 4868

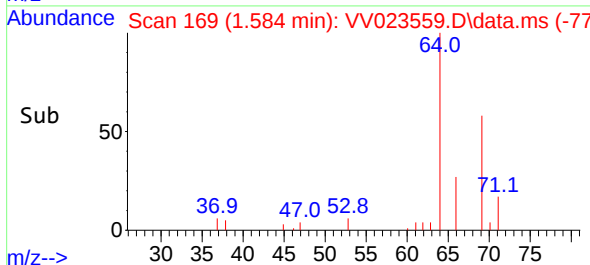
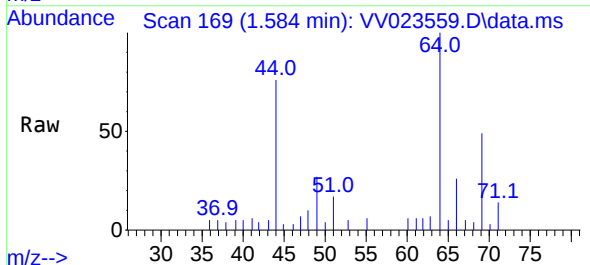
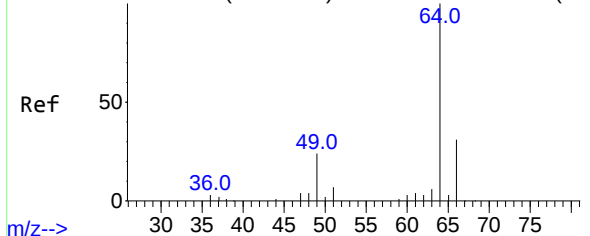
Ion Ratio Lower Upper

62 100

64 50.3 23.1 42.9#



Abundance Scan 170 (1.587 min): VV023549.D\data.ms (-16)



#8

Chloroethane

Concen: 0.729 ug/L

RT: 1.584 min Scan# 169

Delta R.T. -0.003 min

Lab File: VV023559.D

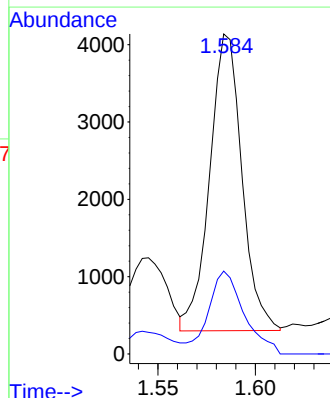
Acq: 17 Nov 2021 01:33

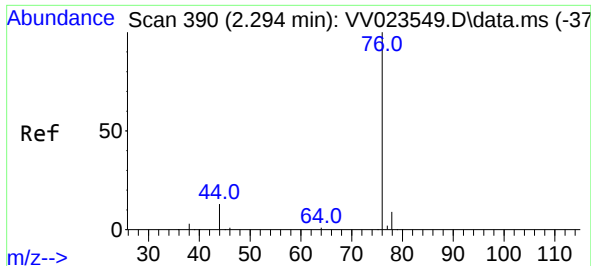
Tgt Ion: 64 Resp: 4404

Ion Ratio Lower Upper

64 100

66 25.9 22.1 41.1

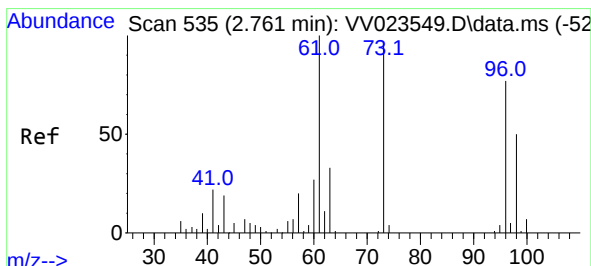
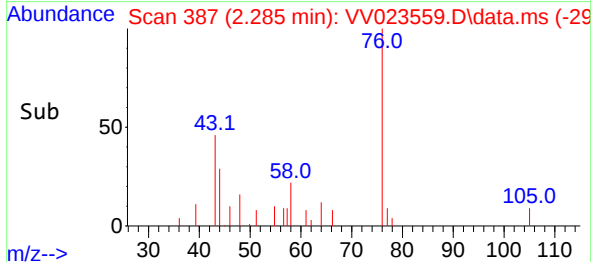
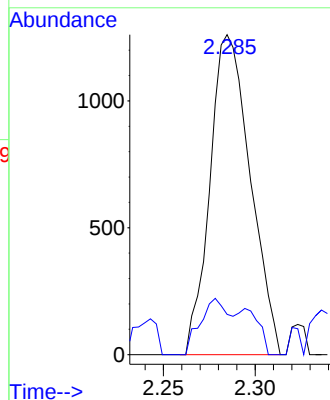
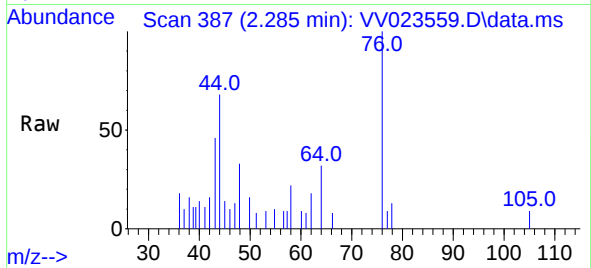




#14
Carbon disulfide
Concen: 0.068 ug/L
RT: 2.285 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV023559.D
Acq: 17 Nov 2021 01:33

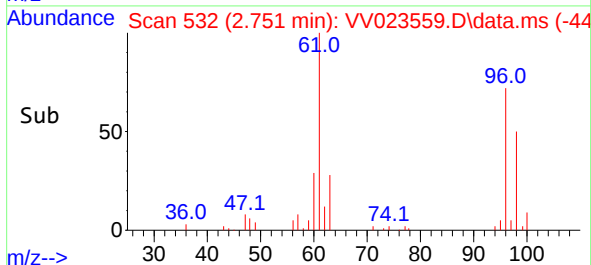
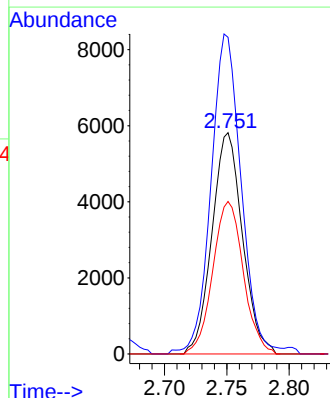
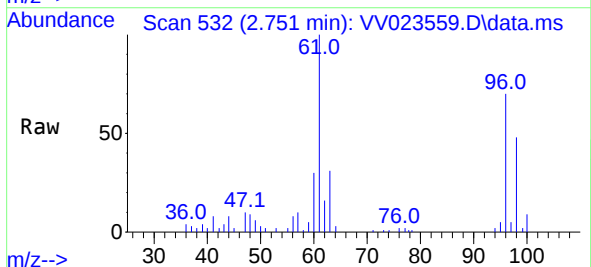
Instrument :
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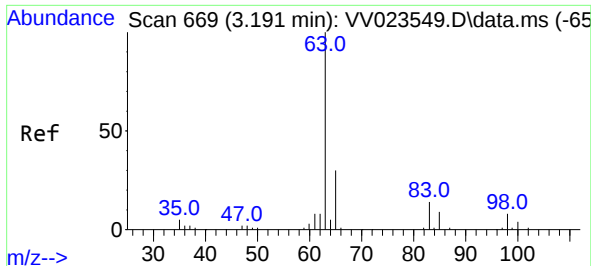
Tgt Ion: 76 Resp: 1929
Ion Ratio Lower Upper
76 100
78 12.6 7.2 10.8#



#18
trans-1,2-Dichloroethene
Concen: 1.069 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.010 min
Lab File: VV023559.D
Acq: 17 Nov 2021 01:33

Tgt Ion: 96 Resp: 9916
Ion Ratio Lower Upper
96 100
61 143.1 93.2 173.2
98 68.9 47.0 87.2

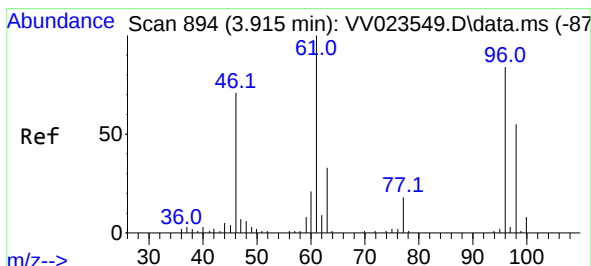
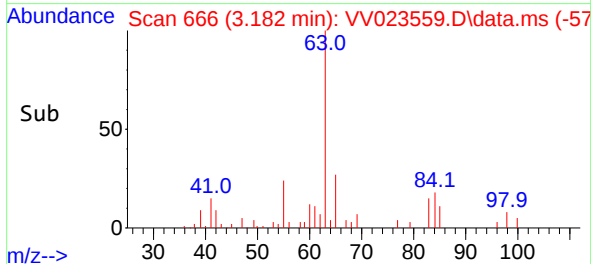
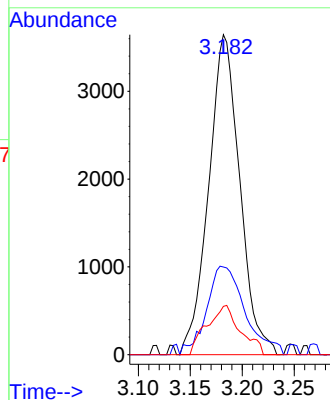
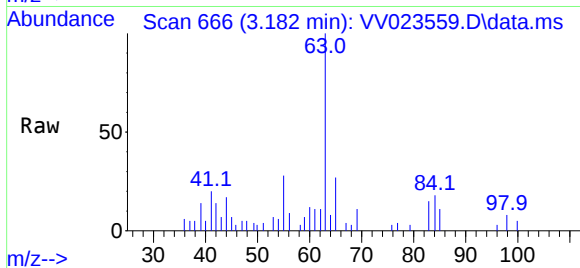




#19
1,1-Dichloroethane
Concen: 0.485 ug/L
RT: 3.182 min Scan# 61
Delta R.T. -0.010 min
Lab File: VV023559.D
Acq: 17 Nov 2021 01:33

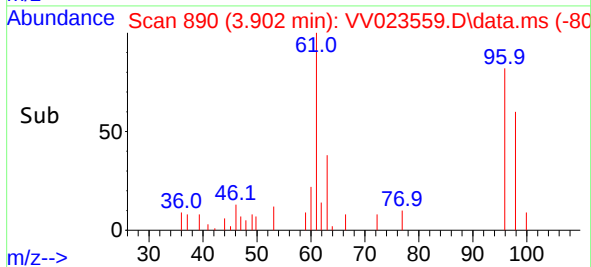
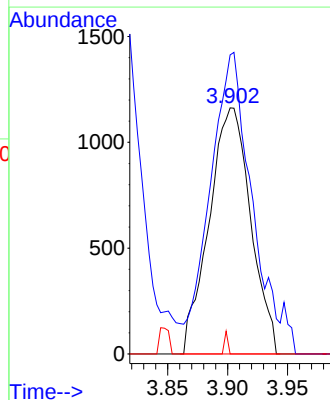
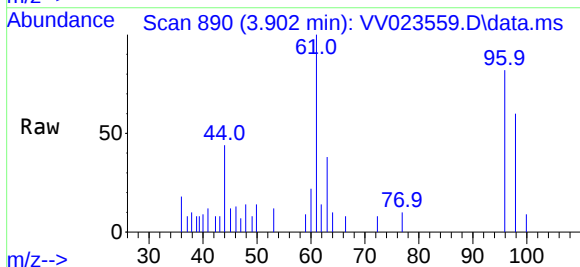
Instrument :
MSVOA_V
ClientSampleId :
H4667

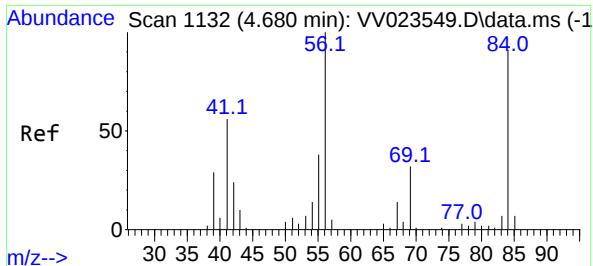
Tgt Ion: 63 Resp: 7592
Ion Ratio Lower Upper
63 100
65 27.4 22.6 42.0
83 15.1 11.1 20.7



#22
cis-1,2-Dichloroethene
Concen: 0.314 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.013 min
Lab File: VV023559.D
Acq: 17 Nov 2021 01:33

Tgt Ion: 96 Resp: 2804
Ion Ratio Lower Upper
96 100
61 121.5 92.3 171.3
68 0.0 0.4 0.8

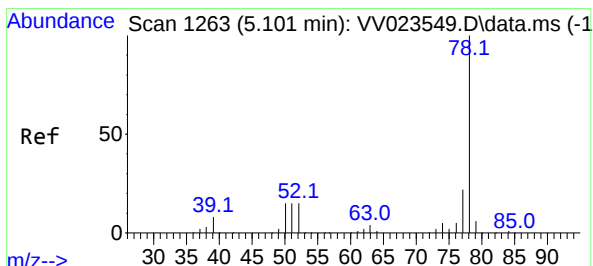
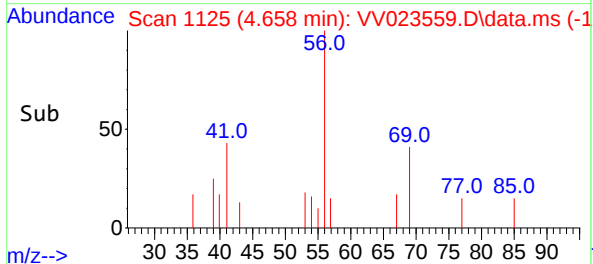
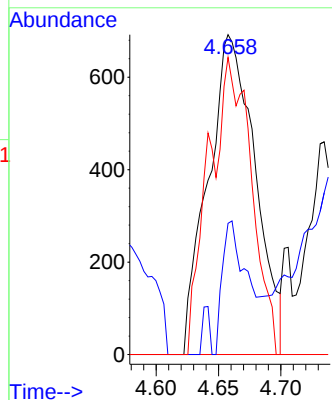
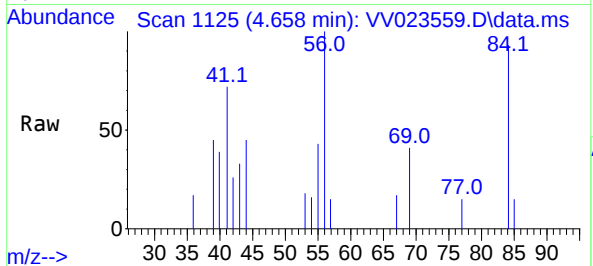




#30
Cyclohexane
Concen: 0.142 ug/L
RT: 4.658 min Scan# 1132
Delta R.T. -0.023 min
Lab File: VV023559.D
Acq: 17 Nov 2021 01:33

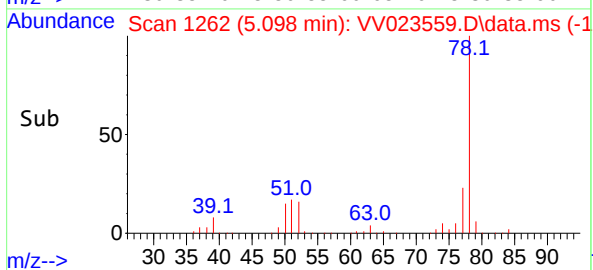
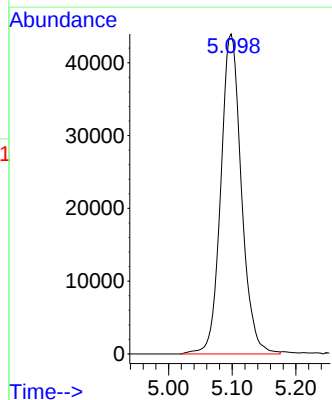
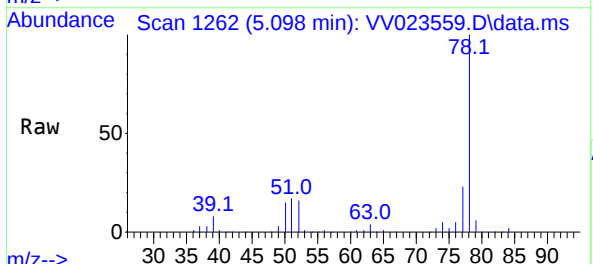
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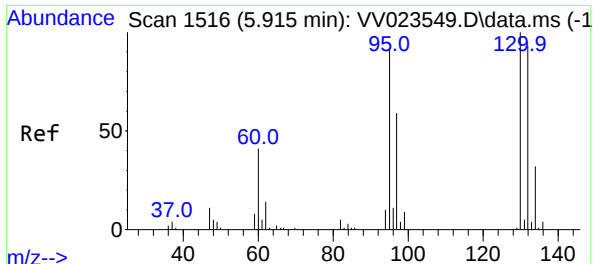
Tgt Ion: 56 Resp: 1820
Ion Ratio Lower Upper
56 100
69 22.3 23.5 35.3#
84 60.0 71.6 107.4#



#33
Benzene
Concen: 3.018 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV023559.D
Acq: 17 Nov 2021 01:33

Tgt Ion: 78 Resp: 99088





#34

Trichloroethene

Concen: 0.104 ug/L

RT: 5.921 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV023559.D

Acq: 17 Nov 2021 01:33

Instrument :

MSVOA_V

ClientSampleId :

H4667

Tgt Ion: 95 Resp: 912

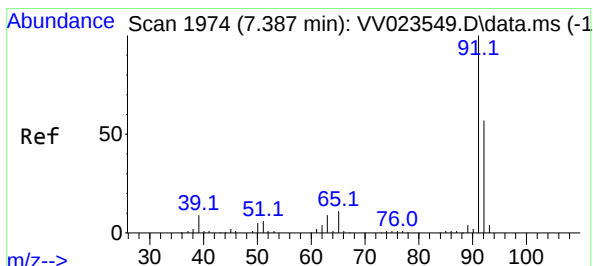
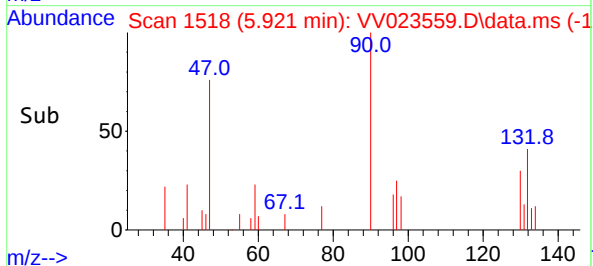
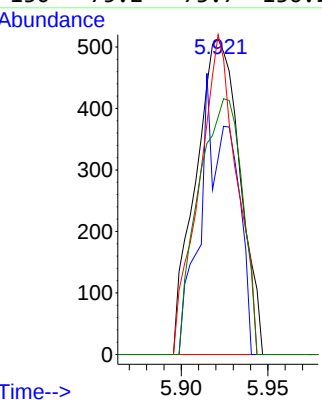
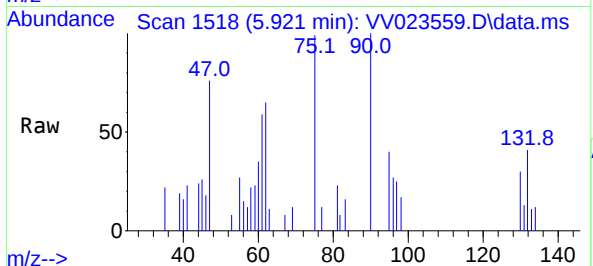
Ion Ratio Lower Upper

95 100

97 62.2 45.0 83.6

132 101.4 69.7 129.4

130 75.2 73.7 136.9



#42

Toluene

Concen: 9.354 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV023559.D

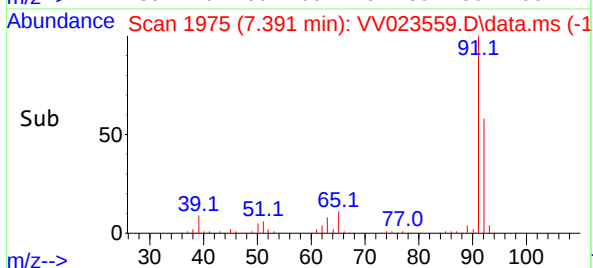
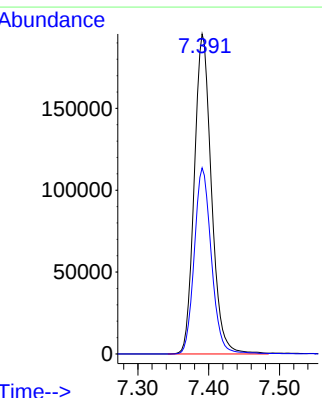
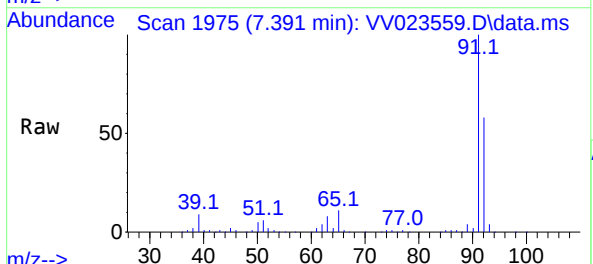
Acq: 17 Nov 2021 01:33

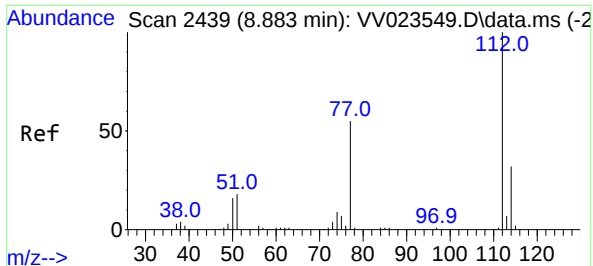
Tgt Ion: 91 Resp: 328500

Ion Ratio Lower Upper

91 100

92 58.1 39.3 72.9





#51

Chlorobenzene

Concen: 0.271 ug/L

RT: 8.889 min Scan# 2439

Delta R.T. 0.006 min

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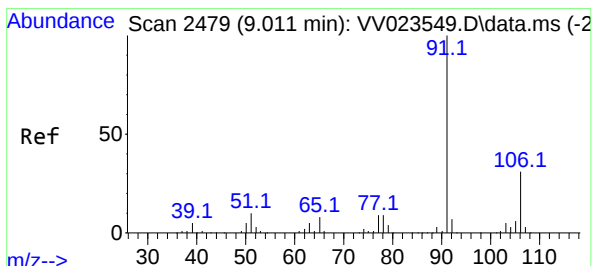
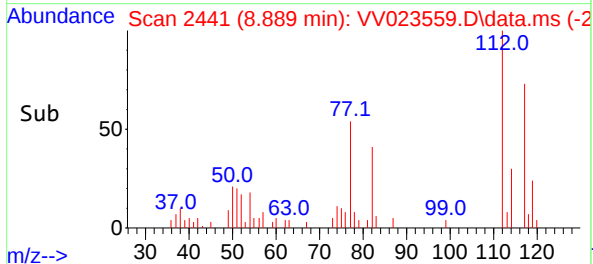
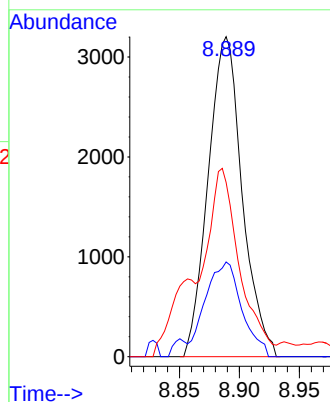
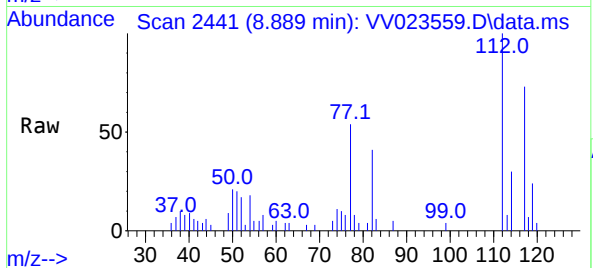
Tgt Ion:112 Resp: 6323

Ion Ratio Lower Upper

112 100

114 29.6 22.0 40.8

77 54.4 44.4 66.6



#52

Ethylbenzene

Concen: 2.704 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.003 min

Lab File: VV023559.D

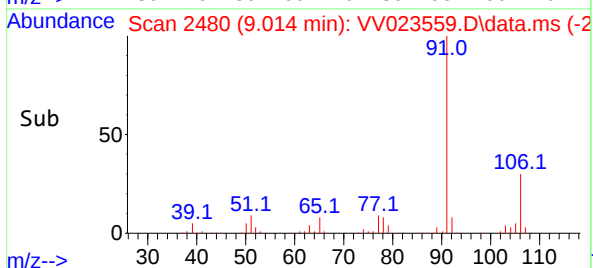
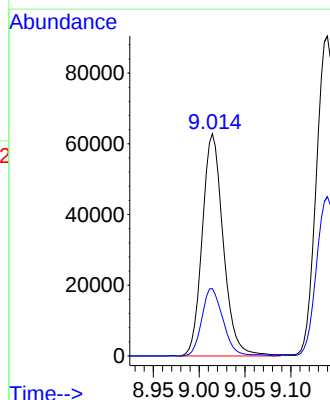
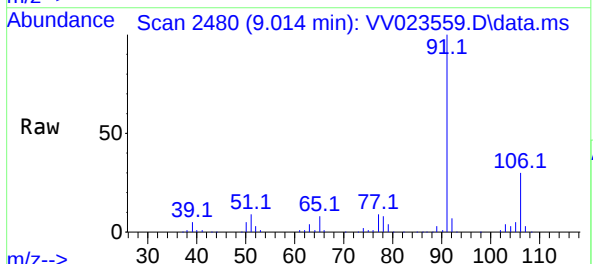
Acq: 17 Nov 2021 01:33

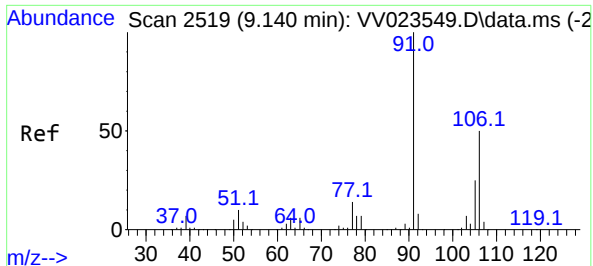
Tgt Ion: 91 Resp: 100140

Ion Ratio Lower Upper

91 100

106 30.3 22.5 41.9

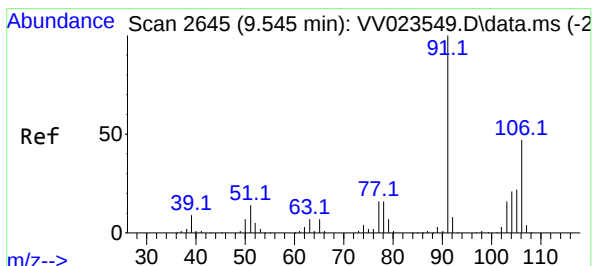
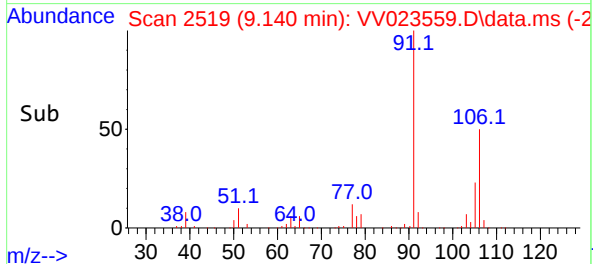
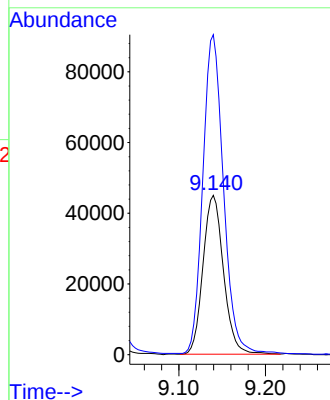
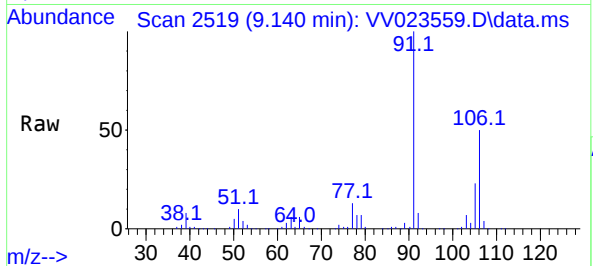




#53
m,p-xylene
Concen: 5.093 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV023559.D
Acq: 17 Nov 2021 01:33

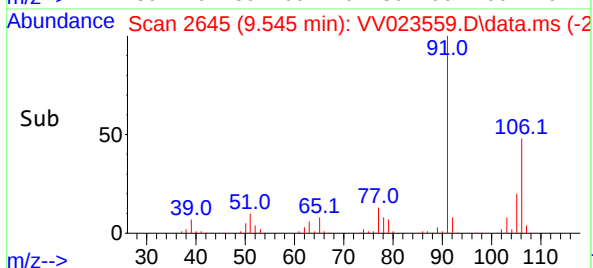
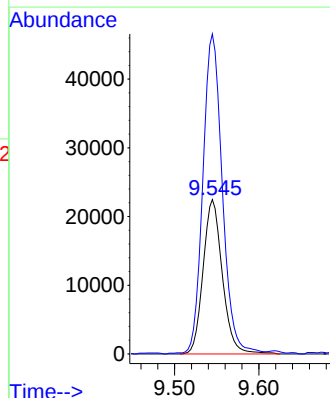
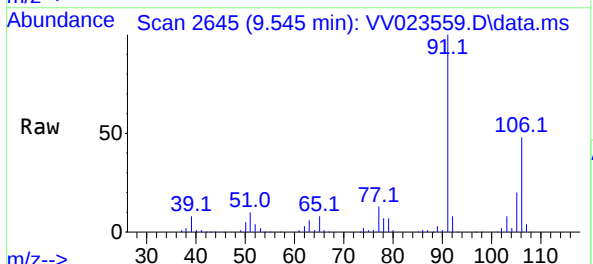
Instrument : MSVOA_V
ClientSampleId : H4667

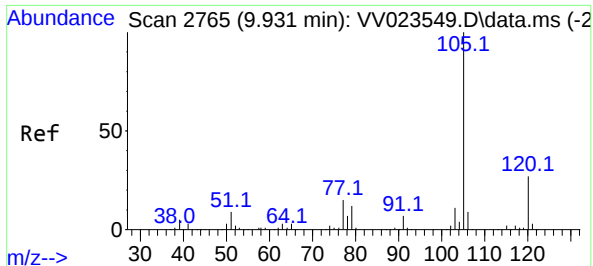
Tgt Ion:106 Resp: 74024
Ion Ratio Lower Upper
106 100
91 200.7 137.2 254.8



#54
o-xylene
Concen: 2.621 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV023559.D
Acq: 17 Nov 2021 01:33

Tgt Ion:106 Resp: 35736
Ion Ratio Lower Upper
106 100
91 207.3 148.3 275.5

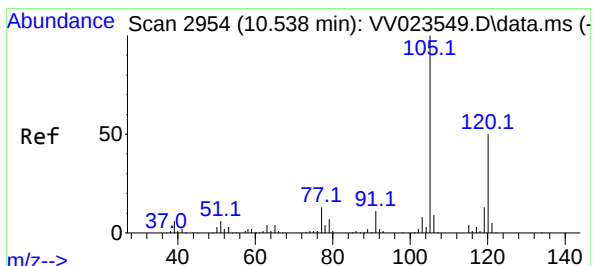
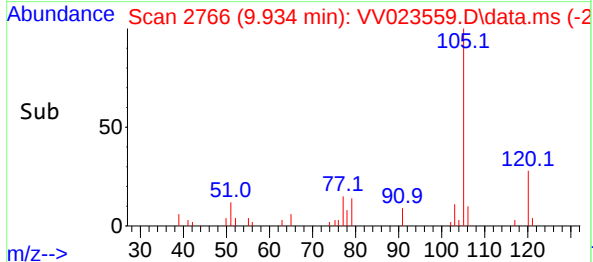
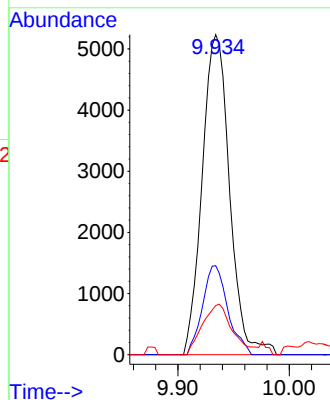
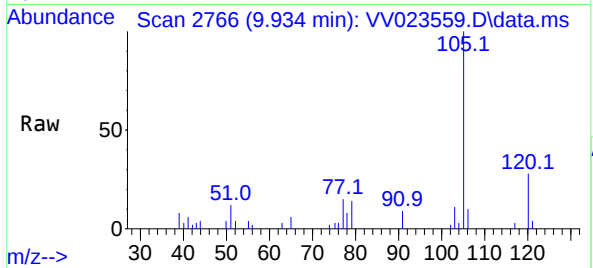




#60
Isopropylbenzene
Concen: 0.254 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023559.D
Acq: 17 Nov 2021 01:33

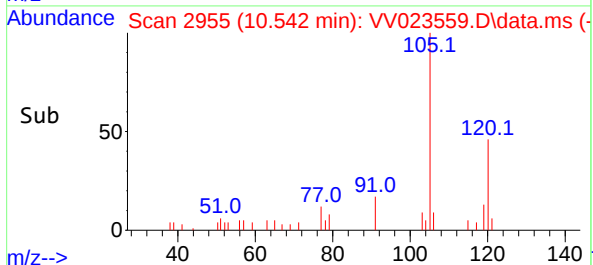
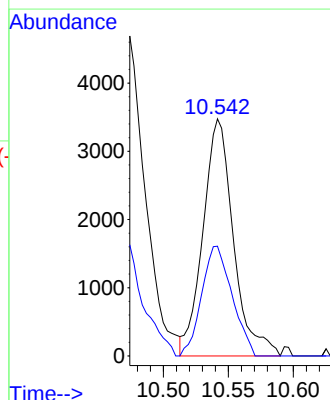
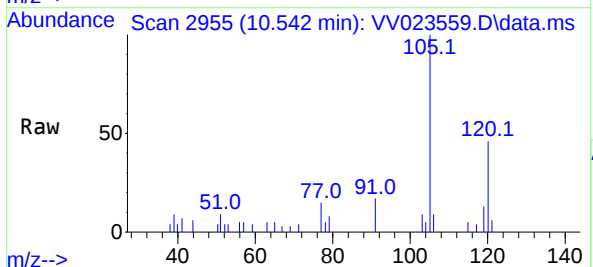
Instrument :
MSVOA_V
ClientSampleId :
H4667

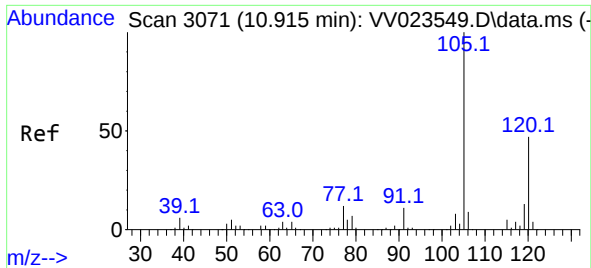
Tgt Ion:105 Resp: 8948
Ion Ratio Lower Upper
105 100
120 25.7 21.7 32.5
77 17.3 12.6 19.0



#62
1,3,5-Trimethylbenzene
Concen: 0.194 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV023559.D
Acq: 17 Nov 2021 01:33

Tgt Ion:105 Resp: 5673
Ion Ratio Lower Upper
105 100
120 46.2 39.7 59.5





#63
 1,2,4-Trimethylbenzene
 Concen: 0.560 ug/L
 RT: 10.918 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VV023559.D
 Acq: 17 Nov 2021 01:33

Instrument :
 MSVOA_V
 ClientSampleId :
 H4667

Tgt Ion:105 Resp: 16288
 Ion Ratio Lower Upper
 105 100
 120 46.2 37.4 56.2

