

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120821\
 Data File : VW023849.D
 Acq On : 08 Dec 2021 20:07
 Operator : SY/MD
 Sample : M4889-25
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0CR3

Quant Time: Dec 09 00:35:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

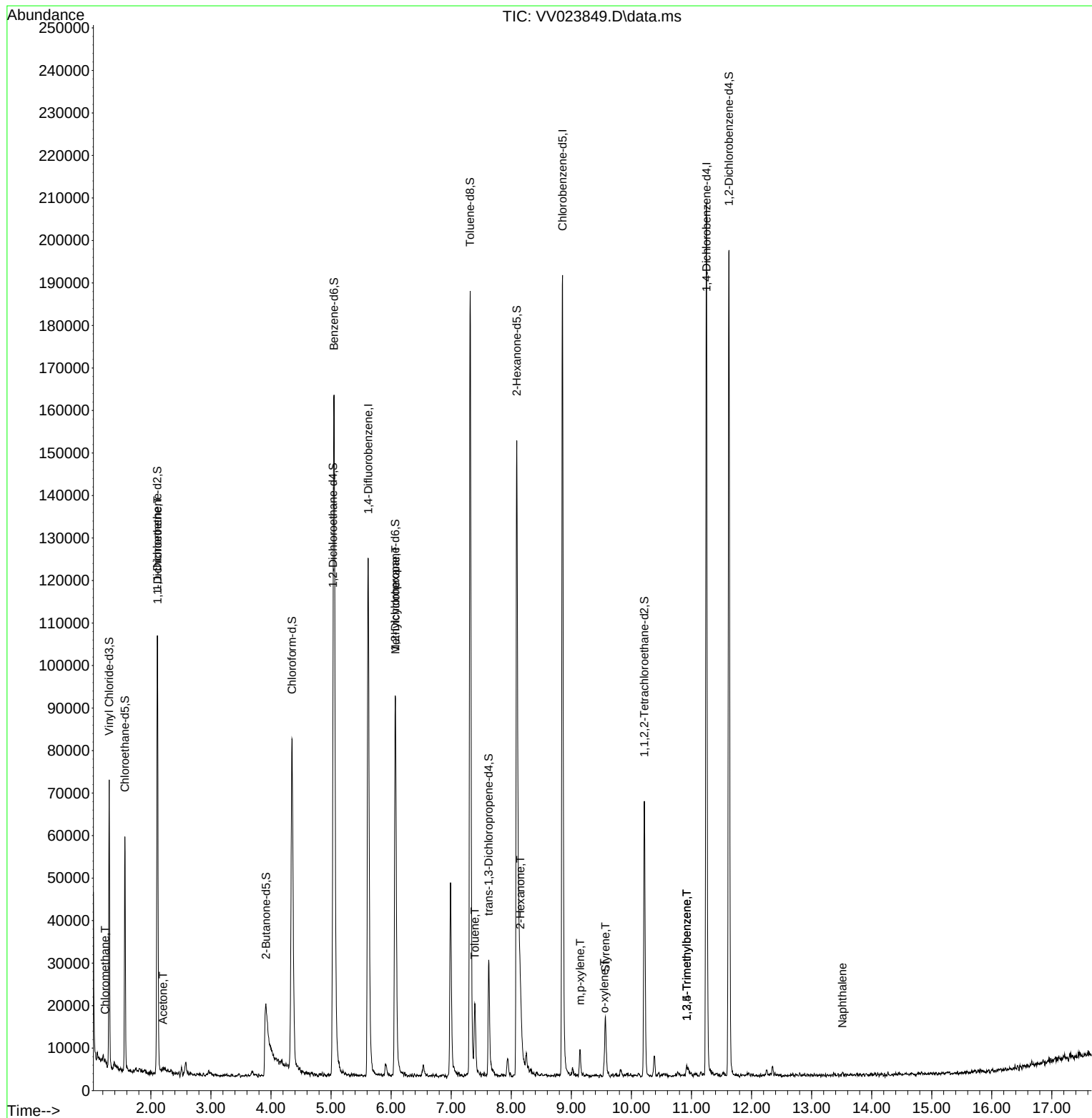
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	112975	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	109188	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54322	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39450	4.254	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.568	69	32815	4.501	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.108	63	52975	3.241	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	3.915	46	36049	32.333	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.660%
24) Chloroform-d	4.349	84	77280	4.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.034	65	38129	5.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.050	84	143940	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.069	67	41980	5.034	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.317	98	126418	4.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	7.625	79	16680	4.963	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.200%
46) 2-Hexanone-d5	8.092	63	73073	65.435	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.860%#
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30730	5.121	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	52117	5.427	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	514	0.055	ug/L #	69
12) 1,1-Dichloroethene	2.111	96	497	0.066	ug/L #	1
13) Acetone	2.201	43	2571	2.563	ug/L	81
35) Methylcyclohexane	6.072	83	11459	0.881	ug/L #	18
42) Toluene	7.394	91	12638	0.374	ug/L	100
48) 2-Hexanone	8.150	43	2237	0.857	ug/L #	64
53) m,p-xylene	9.146	106	2136	0.152	ug/L	77
54) o-xylene	9.548	106	872	0.065	ug/L	87
55) Styrene	9.567	104	7413	0.329	ug/L	100
62) 1,3,5-Trimethylbenzene	10.921	105	1759	0.065	ug/L	90
63) 1,2,4-Trimethylbenzene	10.921	105	1759	0.066	ug/L	96
71) Naphthalene	13.513	128	825	0.061	ug/L #	72

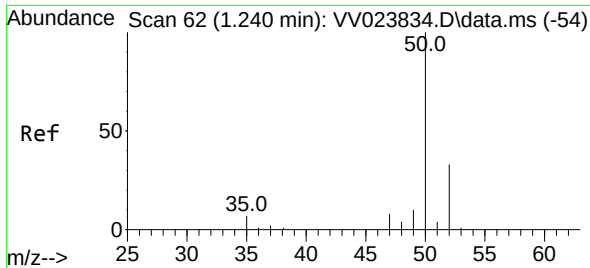
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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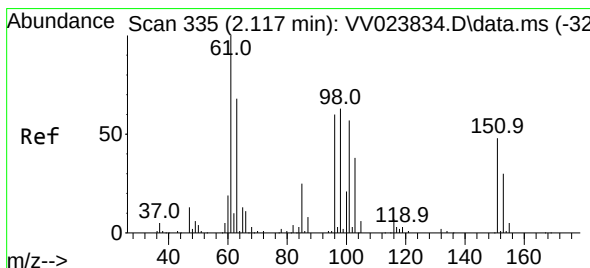
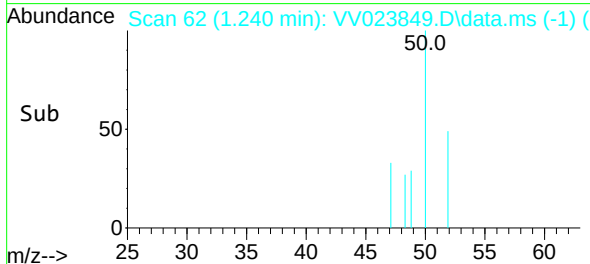
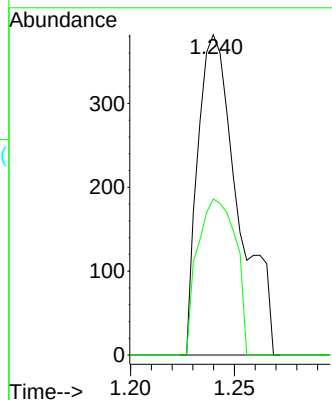
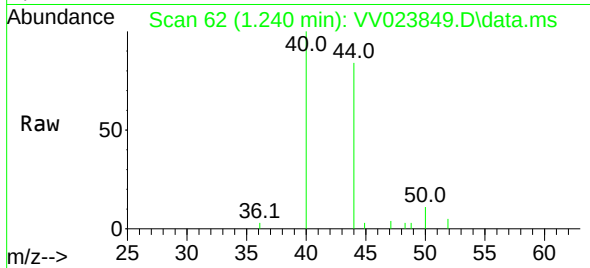




#3
Chloromethane
Concen: 0.055 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV023849.D
Acq: 08 Dec 2021 20:07

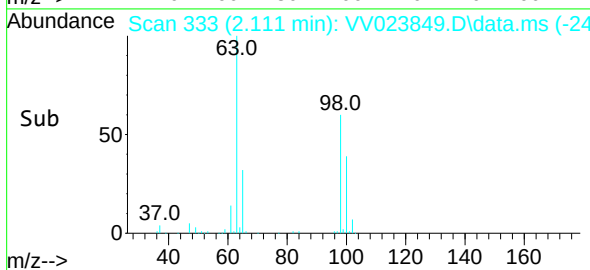
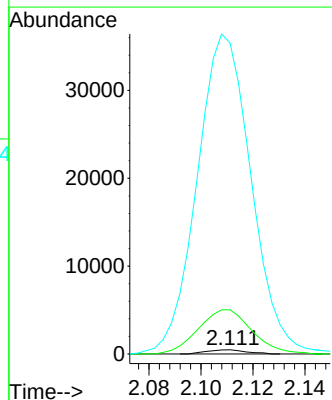
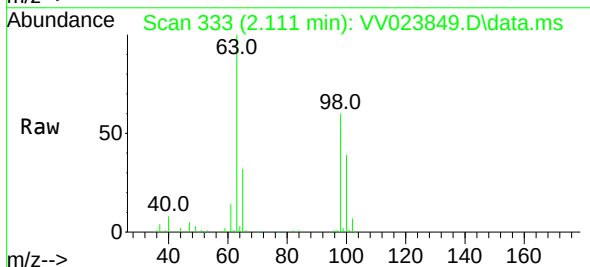
Instrument :
MSVOA_V
ClientSampleId :
C0CR3

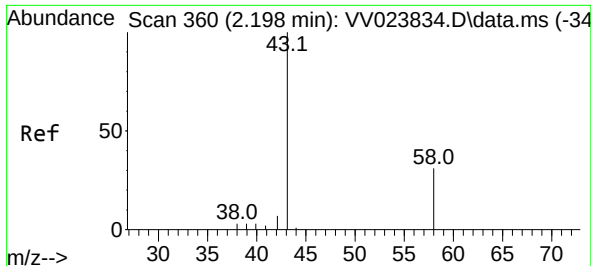
Tgt Ion: 50 Resp: 514
Ion Ratio Lower Upper
50 100
52 48.7 22.0 41.0#



#12
1,1-Dichloroethene
Concen: 0.066 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV023849.D
Acq: 08 Dec 2021 20:07

Tgt Ion: 96 Resp: 497
Ion Ratio Lower Upper
96 100
61 1079.6 116.1 215.5#
63 7606.0 79.4 147.4#





#13

Acetone

Concen: 2.563 ug/L

RT: 2.201 min Scan# 3

Delta R.T. -0.022 min

Lab File: VV023849.D

Acq: 08 Dec 2021 20:07

Instrument :

MSVOA_V

ClientSampleId :

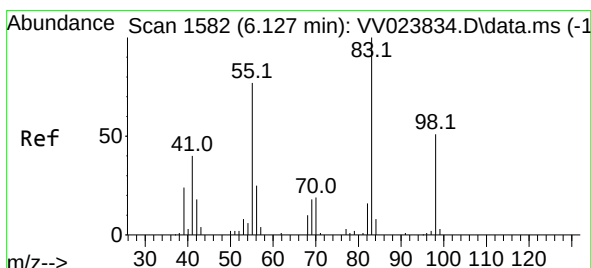
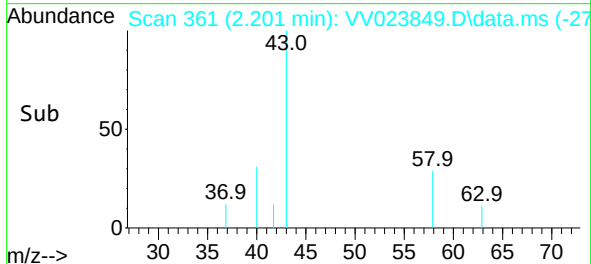
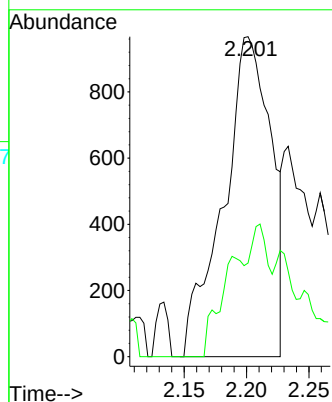
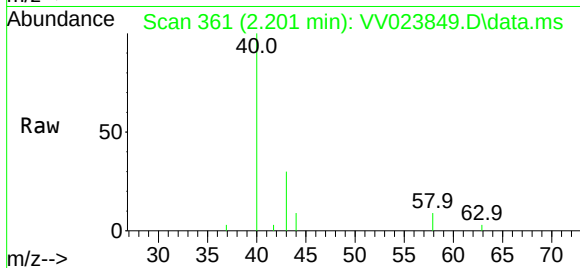
C0CR3

Tgt Ion: 43 Resp: 2571

Ion Ratio Lower Upper

43 100

58 11.7 0.0 41.4



#35

Methylcyclohexane

Concen: 0.881 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.054 min

Lab File: VV023849.D

Acq: 08 Dec 2021 20:07

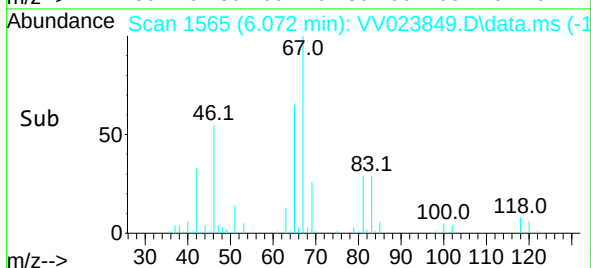
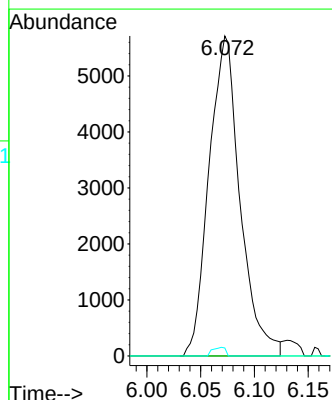
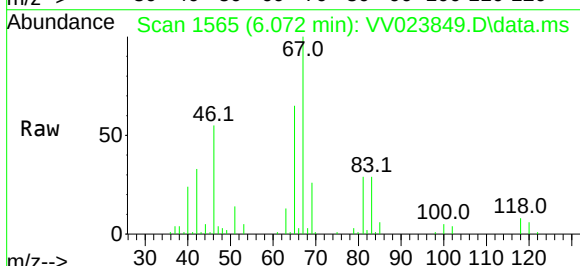
Tgt Ion: 83 Resp: 11459

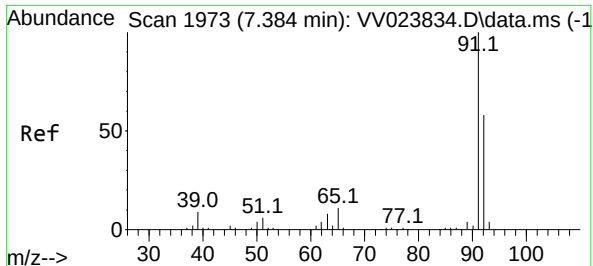
Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 1.1 41.0 61.4#





#42

Toluene

Concen: 0.374 ug/L

RT: 7.394 min Scan# 1973

Delta R.T. 0.010 min

Lab File: VV023849.D

Acq: 08 Dec 2021 20:07

Instrument :

MSVOA_V

ClientSampleId :

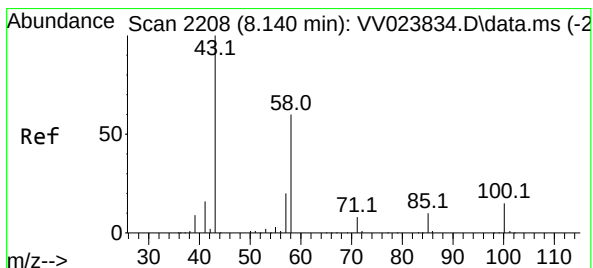
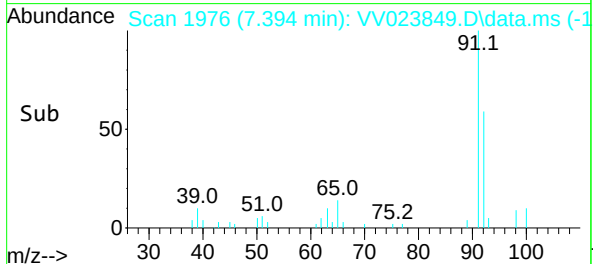
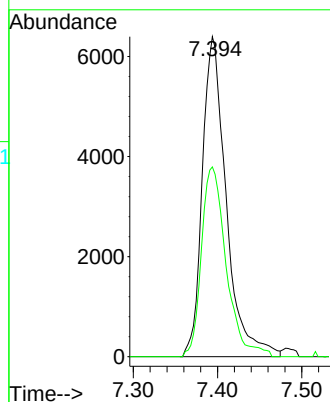
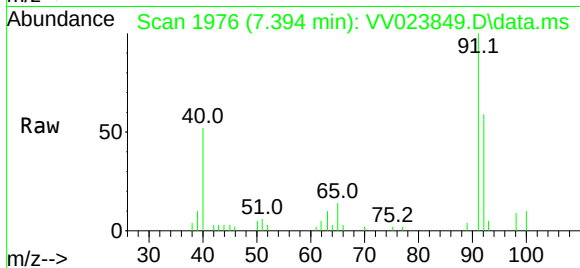
C0CR3

Tgt Ion: 91 Resp: 12638

Ion Ratio Lower Upper

91 100

92 59.3 41.5 77.1



#48

2-Hexanone

Concen: 0.857 ug/L

RT: 8.150 min Scan# 2211

Delta R.T. 0.010 min

Lab File: VV023849.D

Acq: 08 Dec 2021 20:07

Tgt Ion: 43 Resp: 2237

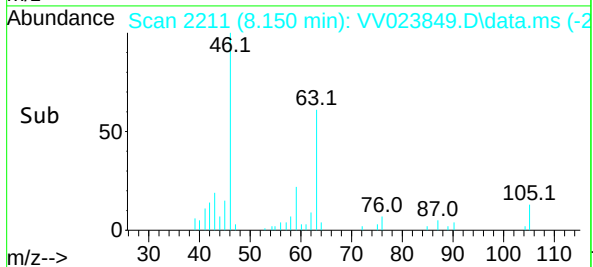
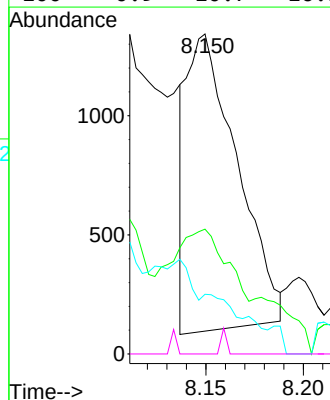
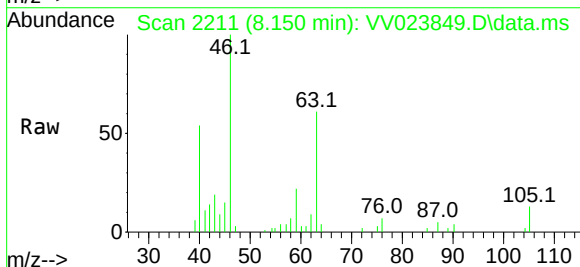
Ion Ratio Lower Upper

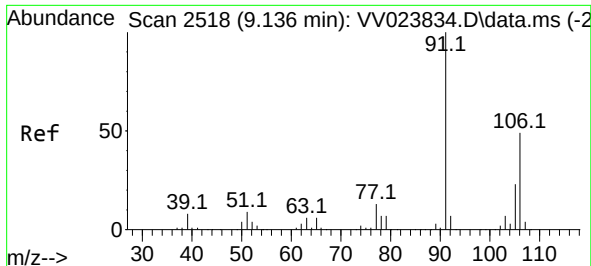
43 100

58 30.3 44.5 66.7#

57 0.0 15.1 22.7#

100 0.9 10.7 16.1#

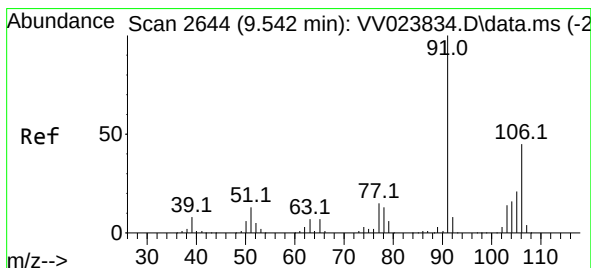
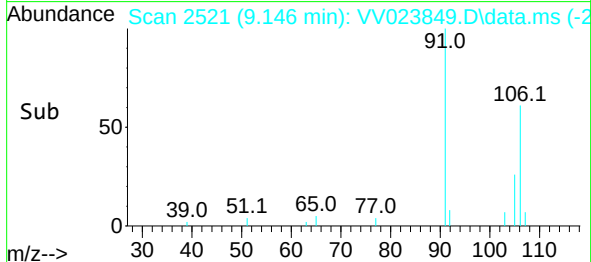
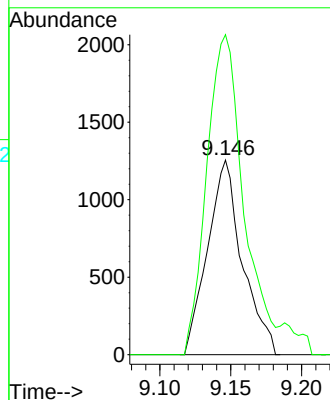
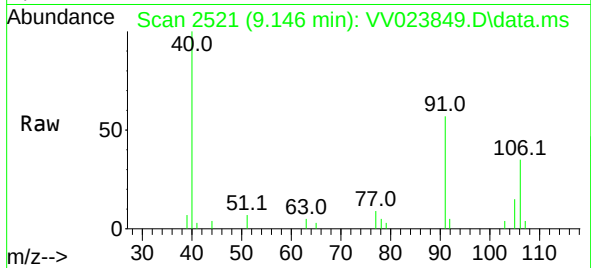




#53
m,p-xylene
Concen: 0.152 ug/L
RT: 9.146 min Scan# 2518
Delta R.T. 0.010 min
Lab File: VV023849.D
Acq: 08 Dec 2021 20:07

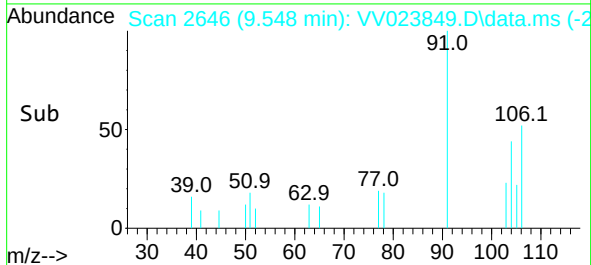
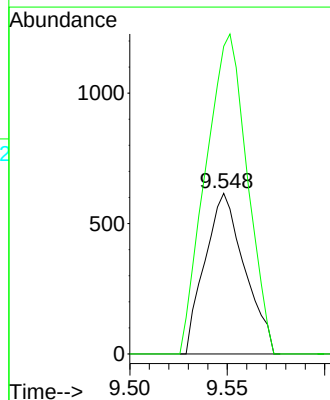
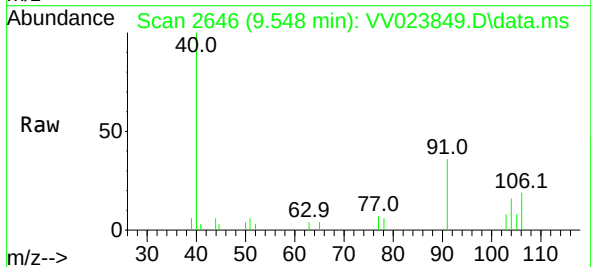
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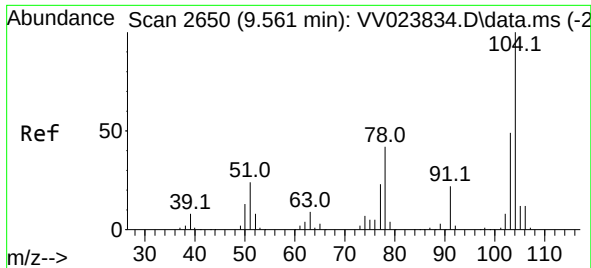
Tgt Ion:106 Resp: 2136
Ion Ratio Lower Upper
106 100
91 164.4 139.5 259.1



#54
o-xylene
Concen: 0.065 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.007 min
Lab File: VV023849.D
Acq: 08 Dec 2021 20:07

Tgt Ion:106 Resp: 872
Ion Ratio Lower Upper
106 100
91 191.6 147.9 274.7

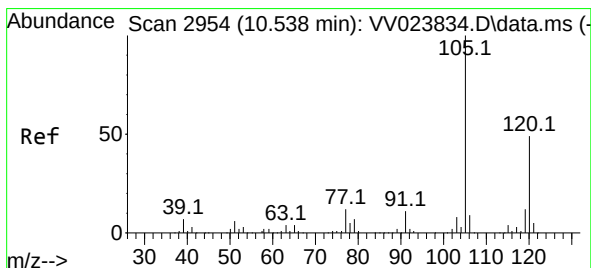
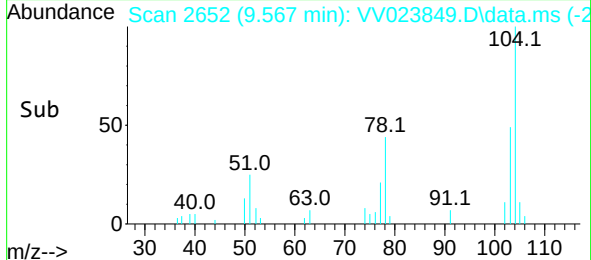
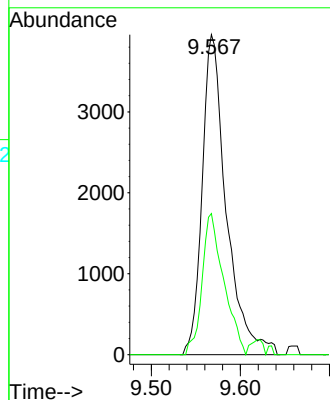
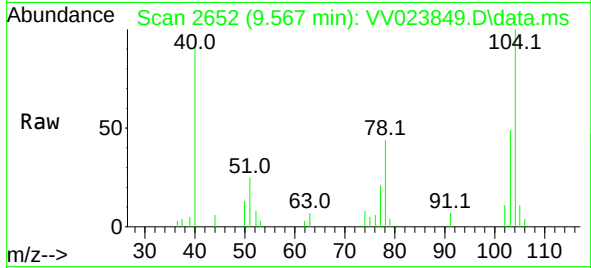




#55
Styrene
Concen: 0.329 ug/L
RT: 9.567 min Scan# 20
Delta R.T. 0.010 min
Lab File: VV023849.D
Acq: 08 Dec 2021 20:07

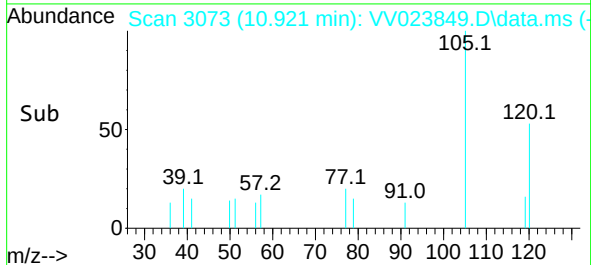
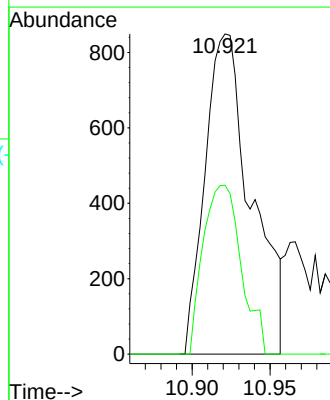
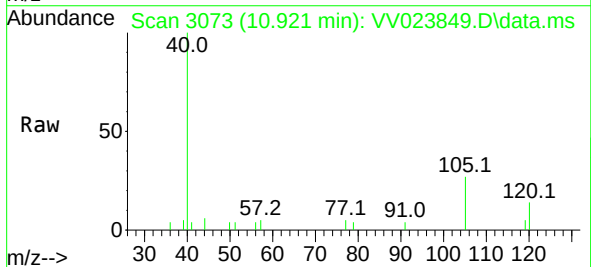
Instrument :
MSVOA_V
ClientSampleId :
C0CR3

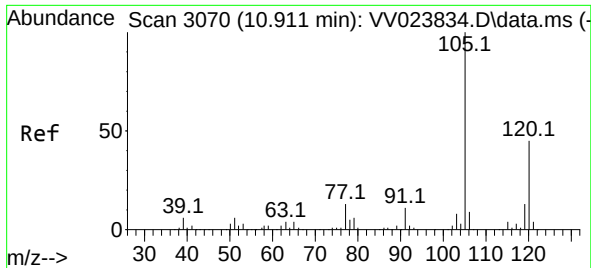
Tgt Ion:104 Resp: 7413
Ion Ratio Lower Upper
104 100
78 44.1 31.0 57.6



#62
1,3,5-Trimethylbenzene
Concen: 0.065 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.383 min
Lab File: VV023849.D
Acq: 08 Dec 2021 20:07

Tgt Ion:105 Resp: 1759
Ion Ratio Lower Upper
105 100
120 43.3 40.1 60.1

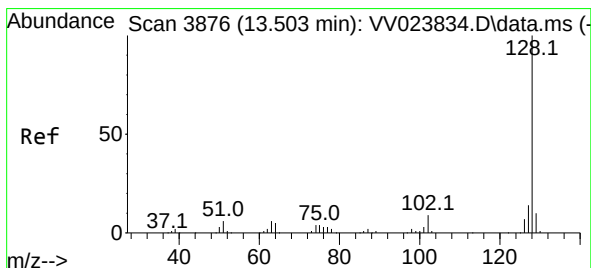
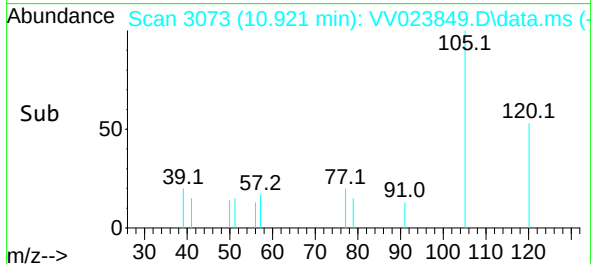
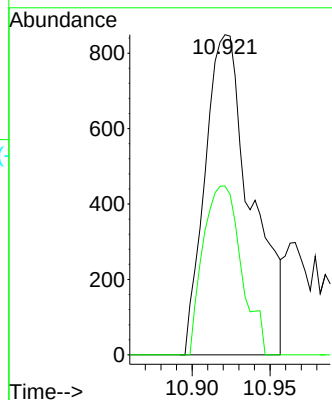
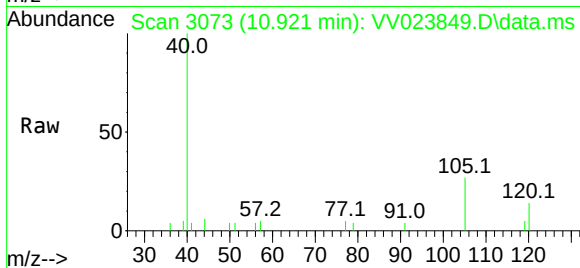




#63
1,2,4-Trimethylbenzene
Concen: 0.066 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.010 min
Lab File: VV023849.D
Acq: 08 Dec 2021 20:07

Instrument :
MSVOA_V
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Tgt Ion:105 Resp: 1759
Ion Ratio Lower Upper
105 100
120 43.3 36.7 55.1



#71
Naphthalene
Concen: 0.061 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.010 min
Lab File: VV023849.D
Acq: 08 Dec 2021 20:07

Tgt Ion:128 Resp: 825
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.4#
127 2.4 10.2 15.4#

