

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110221\
 Data File : VV023141.D
 Acq On : 02 Nov 2021 12:26
 Operator : SY/MD
 Sample : M4412-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 02 22:41:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 22:38:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	124447	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	126992	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63583	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.304	65	48539	4.464	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.568	69	37003	5.501	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.000%
11) 1,1-Dichloroethene-d2	2.108	63	65255	4.160	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	3.889	46	82332	47.197	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.400%
24) Chloroform-d	4.349	84	88166	4.987	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.034	65	41347	4.962	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.053	84	175580	4.736	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.072	67	52942	4.639	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.317	98	153963	4.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	7.625	79	18901	4.727	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.088	63	68448	46.232	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.460%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34037	4.319	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	59239	5.222	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%

Target Compounds

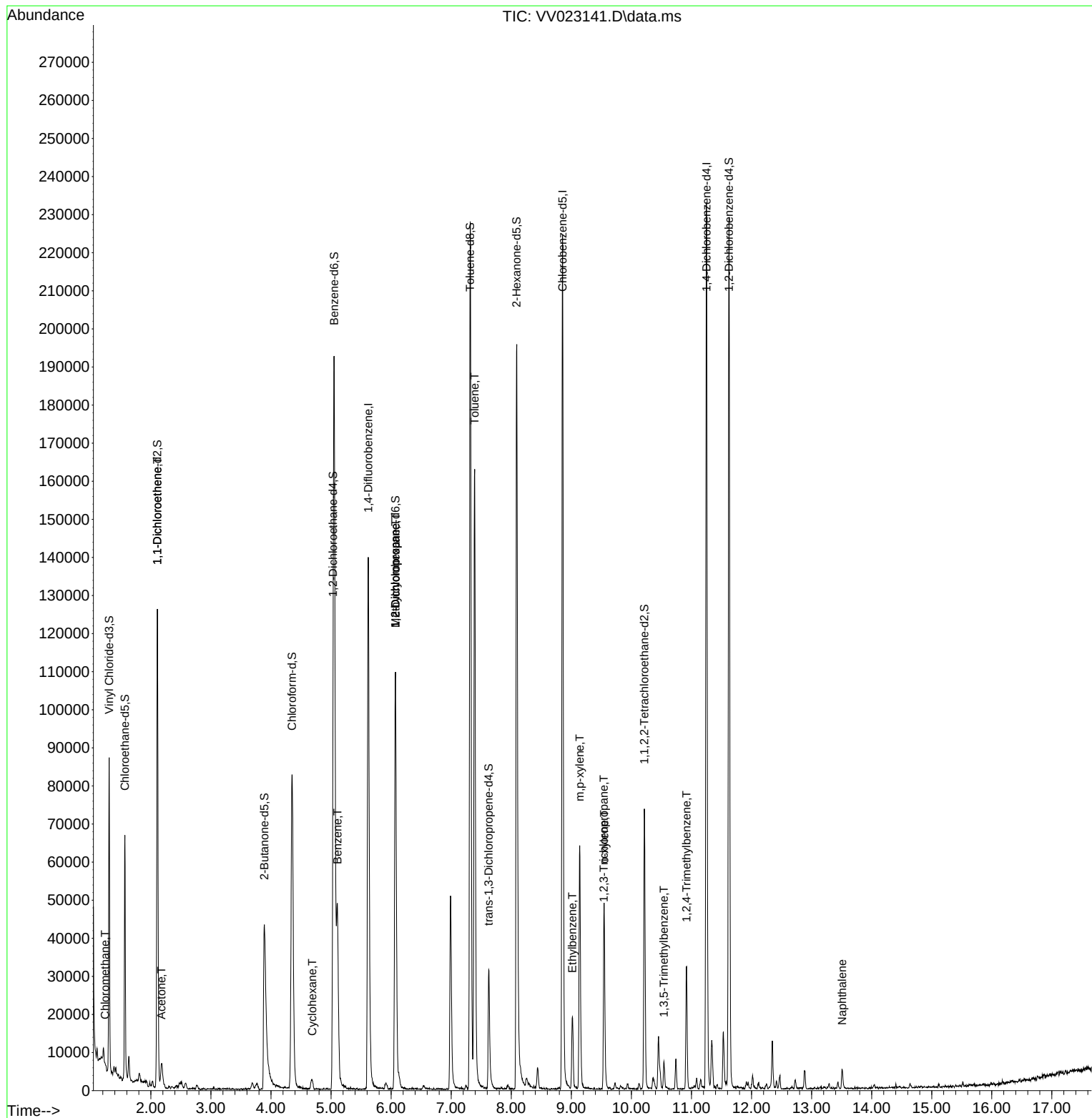
						Qvalue
3) Chloromethane	1.240	50	471	0.055	ug/L	88
12) 1,1-Dichloroethene	2.108	96	642	0.101	ug/L #	1
13) Acetone	2.175	43	9989	11.672	ug/L	97
30) Cyclohexane	4.687	56	1293	0.103	ug/L #	65
33) Benzene	5.108	78	50040	1.464	ug/L	100
35) Methylcyclohexane	6.072	83	13436	1.093	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	5640	0.655	ug/L #	83
42) Toluene	7.391	91	120897	3.491	ug/L	96
52) Ethylbenzene	9.018	91	14601	0.425	ug/L	93
53) m,p-xylene	9.140	106	19144	1.389	ug/L	95
54) o-xylene	9.548	106	13264	1.022	ug/L	92
61) 1,2,3-Trichloropropane	9.539	75	295	0.066	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.542	105	4214	0.163	ug/L	94
63) 1,2,4-Trimethylbenzene	10.918	105	16765	0.650	ug/L	99
71) Naphthalene	13.509	128	4389	0.299	ug/L	98

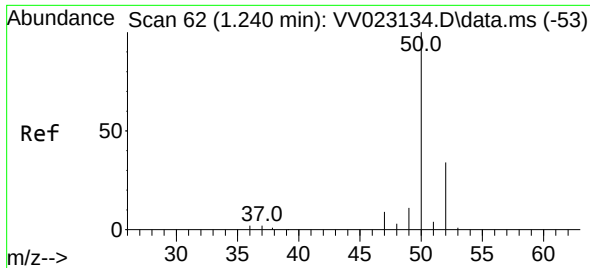
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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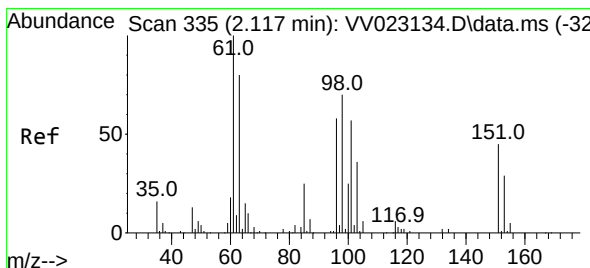
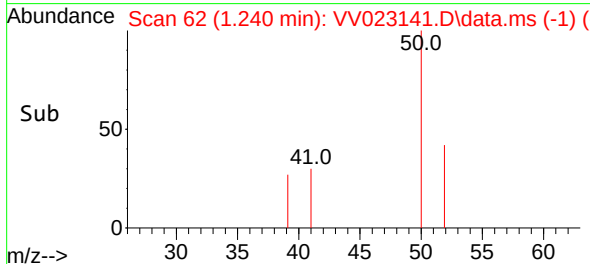
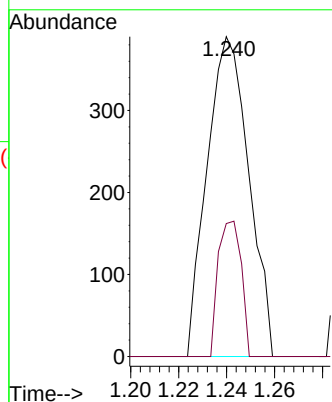
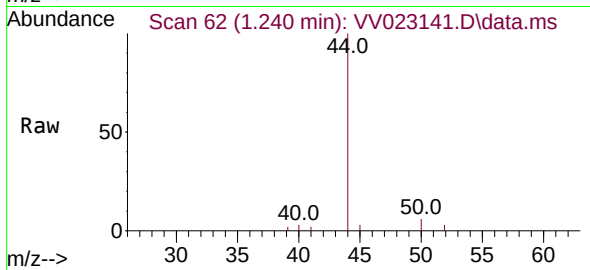




#3
Chloromethane
Concen: 0.055 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV023141.D
Acq: 02 Nov 2021 12:26

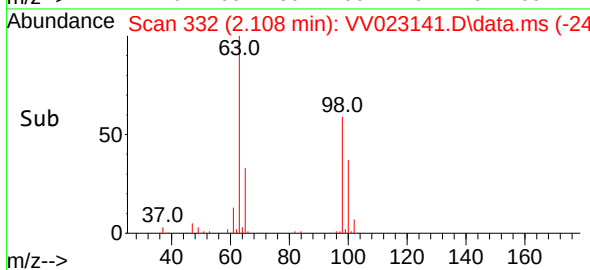
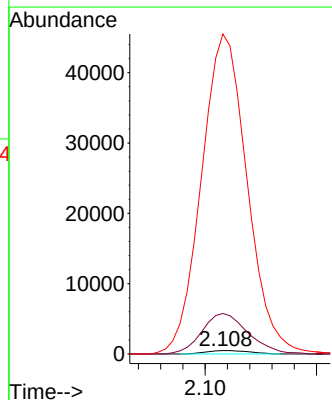
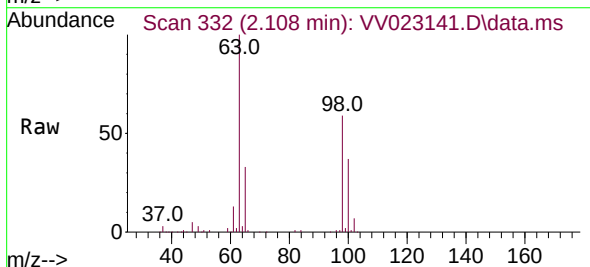
Instrument :
MSVOA_V
ClientSampleId :

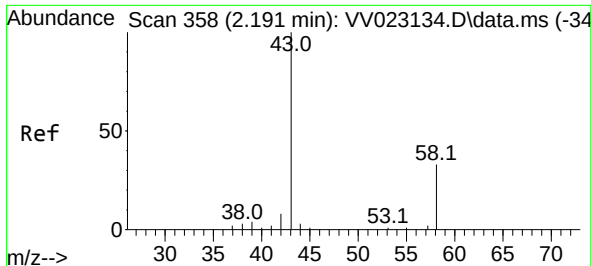
Tgt Ion: 50 Resp: 471
Ion Ratio Lower Upper
50 100
52 41.5 24.3 45.1



#12
1,1-Dichloroethene
Concen: 0.101 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.009 min
Lab File: VV023141.D
Acq: 02 Nov 2021 12:26

Tgt Ion: 96 Resp: 642
Ion Ratio Lower Upper
96 100
61 1184.8 121.5 225.7#
63 9345.4 99.6 185.0#





#13

Acetone

Concen: 11.672 ug/L

RT: 2.175 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV023141.D

Acq: 02 Nov 2021 12:26

Instrument :

MSVOA_V

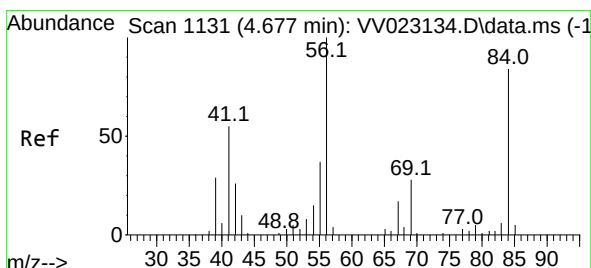
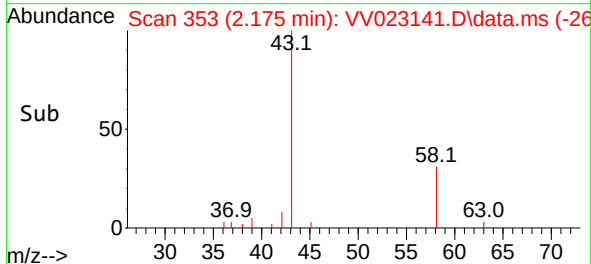
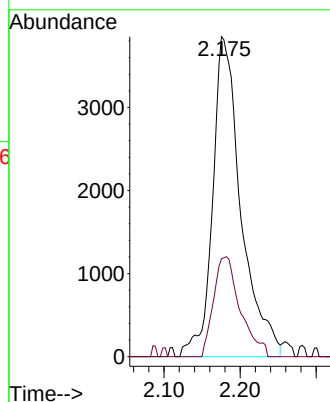
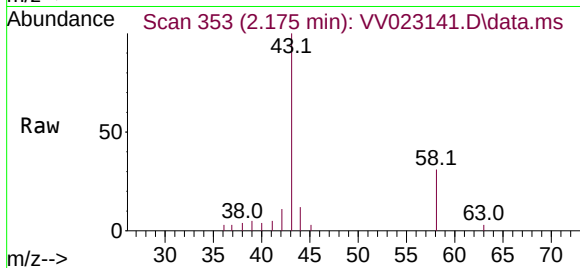
ClientSampleId :

Tgt Ion: 43 Resp: 9989

Ion Ratio Lower Upper

43 100

58 29.3 0.0 55.4



#30

Cyclohexane

Concen: 0.103 ug/L

RT: 4.687 min Scan# 1134

Delta R.T. 0.010 min

Lab File: VV023141.D

Acq: 02 Nov 2021 12:26

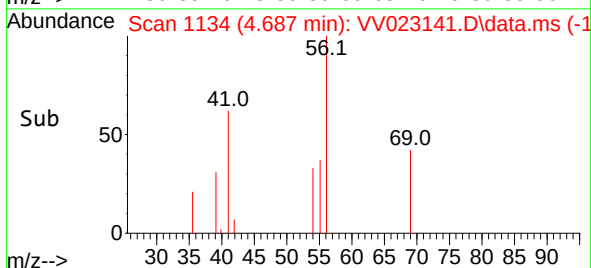
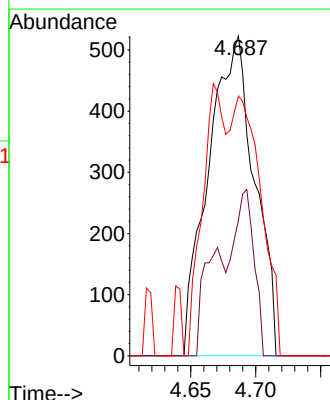
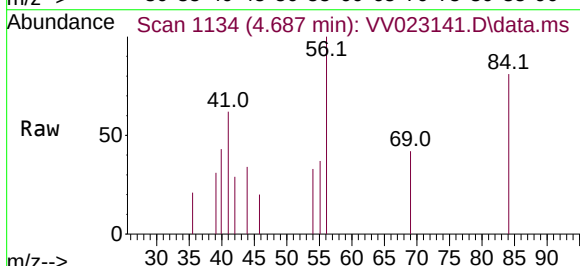
Tgt Ion: 56 Resp: 1293

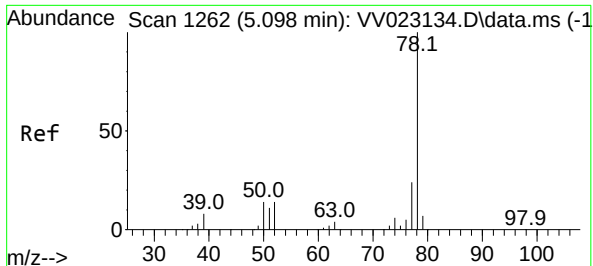
Ion Ratio Lower Upper

56 100

69 23.4 23.5 35.3#

84 49.4 71.6 107.4#

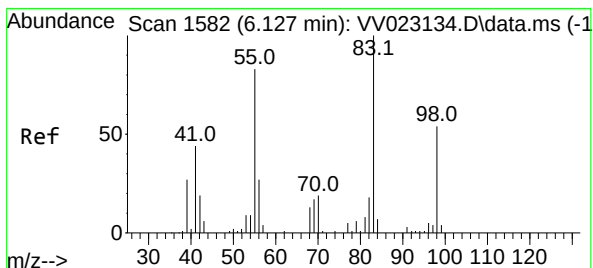
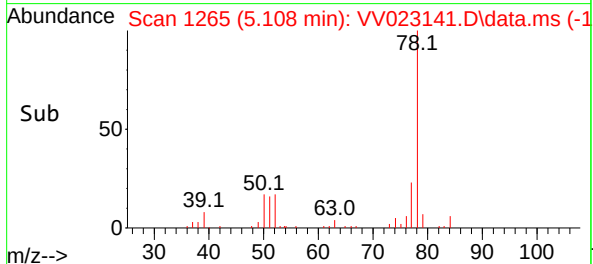
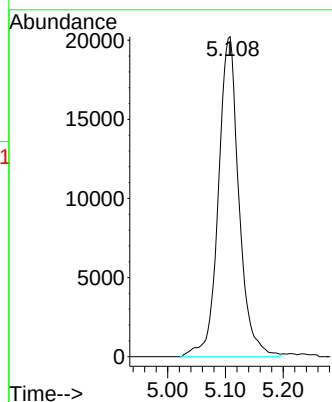
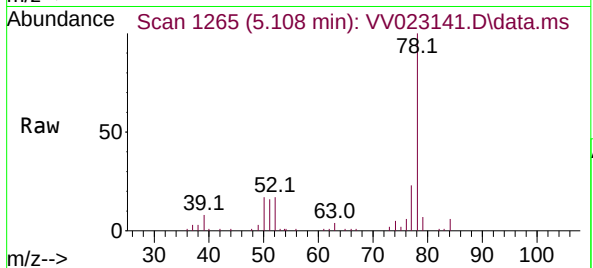




#33
Benzene
Concen: 1.464 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV023141.D
Acq: 02 Nov 2021 12:26

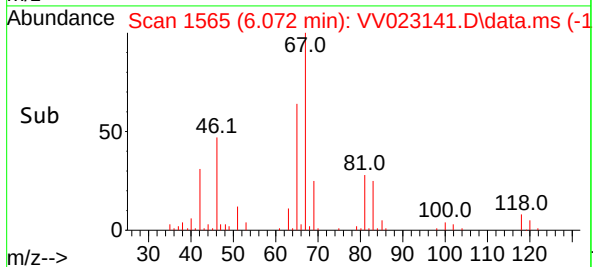
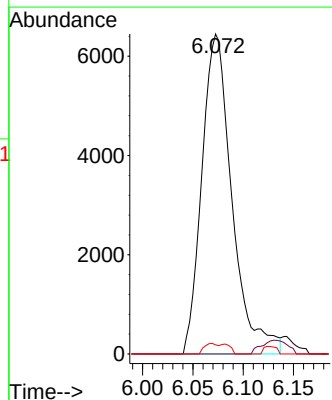
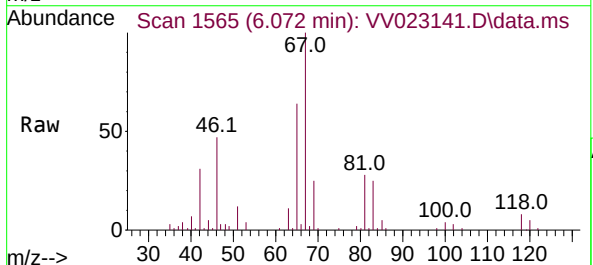
Instrument :
MSVOA_V
ClientSampleId :

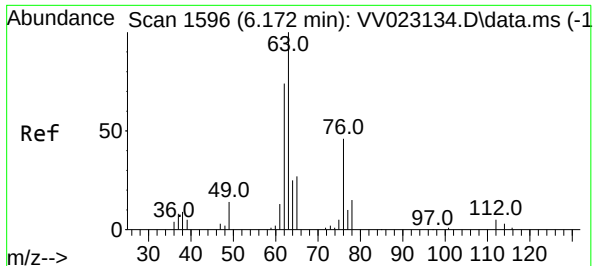
Tgt Ion: 78 Resp: 50040



#35
Methylcyclohexane
Concen: 1.093 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.054 min
Lab File: VV023141.D
Acq: 02 Nov 2021 12:26

Tgt Ion: 83 Resp: 13436
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 1.5 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.655 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.099 min

Lab File: VV023141.D

Acq: 02 Nov 2021 12:26

Instrument :

MSVOA_V

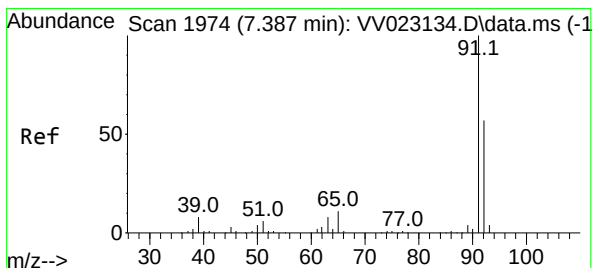
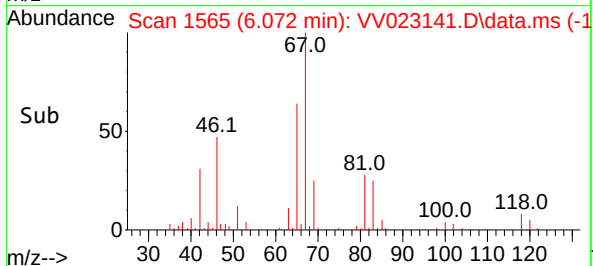
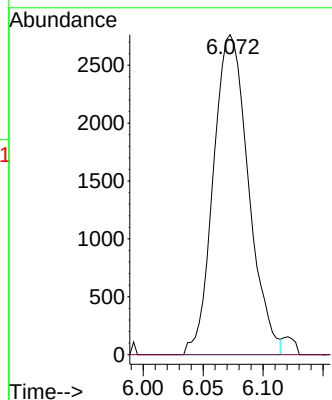
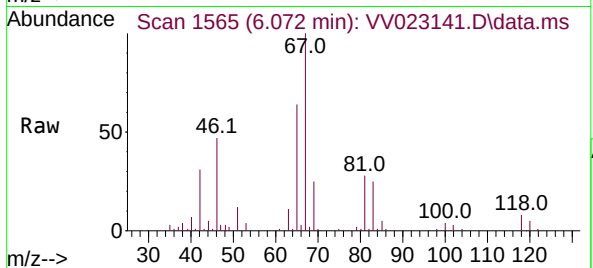
ClientSampleId :

Tgt Ion: 63 Resp: 5640

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#42

Toluene

Concen: 3.491 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV023141.D

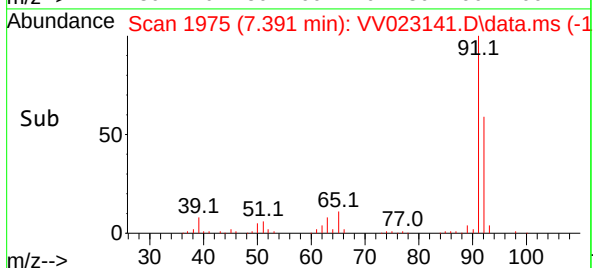
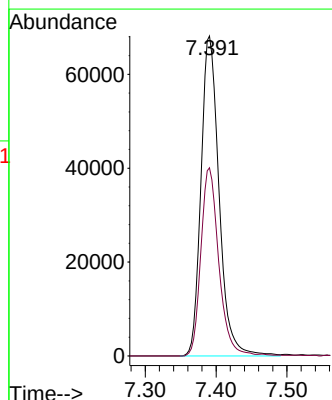
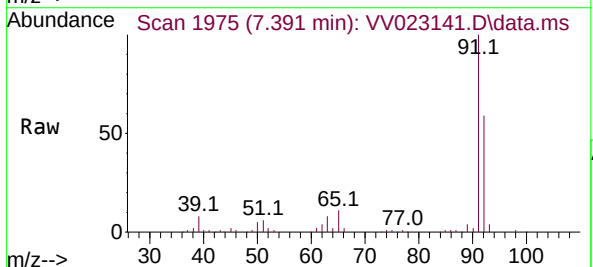
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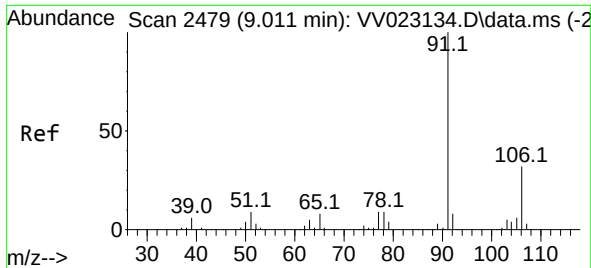
Tgt Ion: 91 Resp: 120897

Ion Ratio Lower Upper

91 100

92 58.8 39.3 72.9

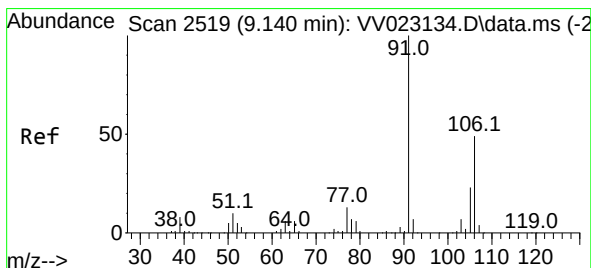
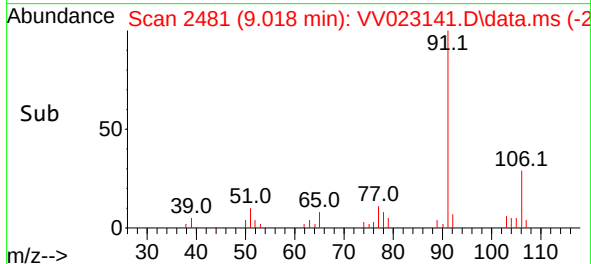
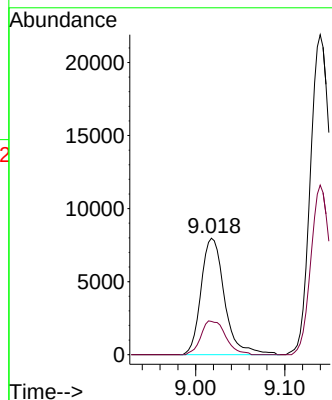
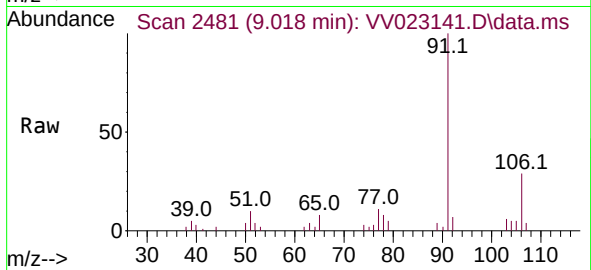




#52
Ethylbenzene
Concen: 0.425 ug/L
RT: 9.018 min Scan# 2479
Delta R.T. 0.007 min
Lab File: VV023141.D
Acq: 02 Nov 2021 12:26

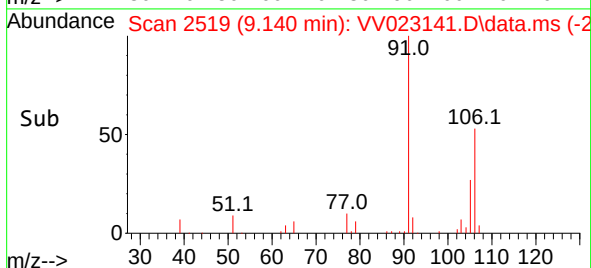
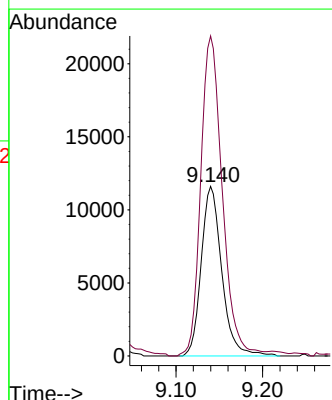
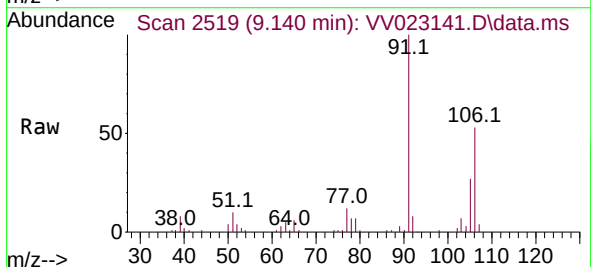
Instrument :
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ClientSampleId :

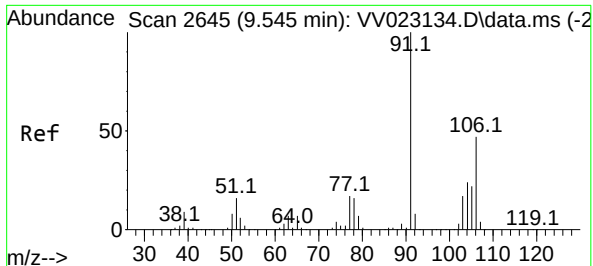
Tgt Ion: 91 Resp: 14601
Ion Ratio Lower Upper
91 100
106 28.6 22.5 41.9



#53
m,p-xylene
Concen: 1.389 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV023141.D
Acq: 02 Nov 2021 12:26

Tgt Ion: 106 Resp: 19144
Ion Ratio Lower Upper
106 100
91 188.7 137.2 254.8

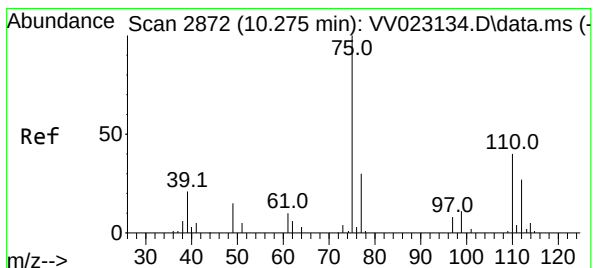
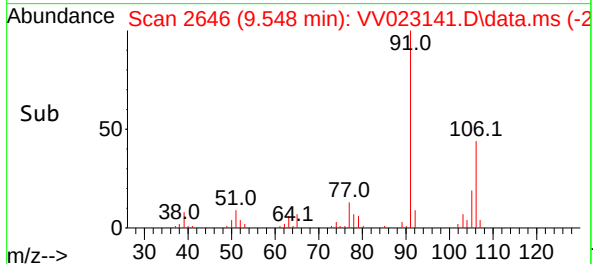
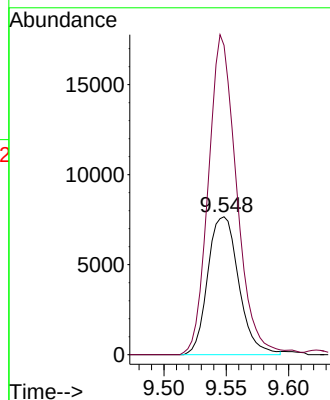
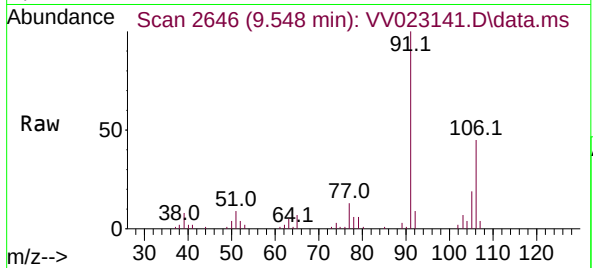




#54
o-xylene
Concen: 1.022 ug/L
RT: 9.548 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV023141.D
Acq: 02 Nov 2021 12:26

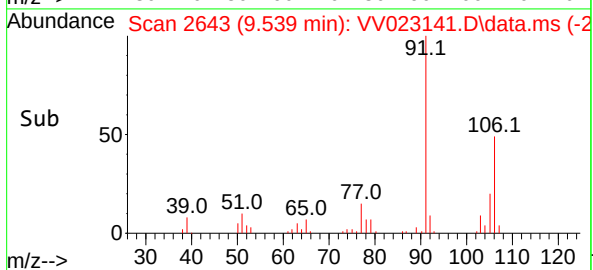
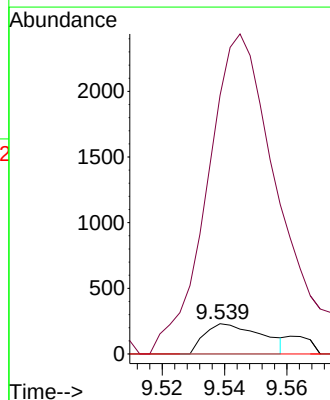
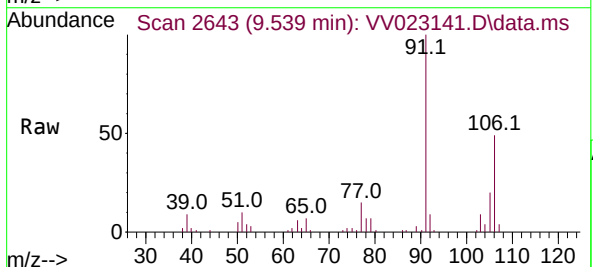
Instrument :
MSVOA_V
ClientSampleId :

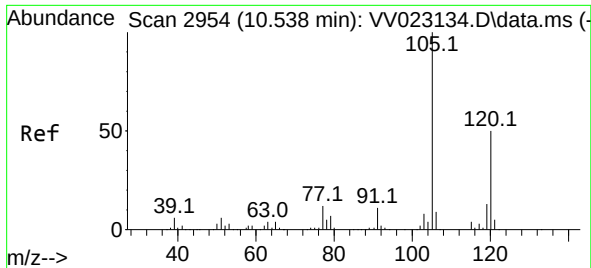
Tgt Ion:106 Resp: 13264
Ion Ratio Lower Upper
106 100
91 224.2 148.3 275.5



#61
1,2,3-Trichloropropane
Concen: 0.066 ug/L
RT: 9.539 min Scan# 2643
Delta R.T. -0.736 min
Lab File: VV023141.D
Acq: 02 Nov 2021 12:26

Tgt Ion: 75 Resp: 295
Ion Ratio Lower Upper
75 100
77 1352.9 26.6 39.8#
110 0.0 31.8 47.6#





#62

1,3,5-Trimethylbenzene

Concen: 0.163 ug/L

RT: 10.542 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV023141.D

Acq: 02 Nov 2021 12:26

Instrument :

MSVOA_V

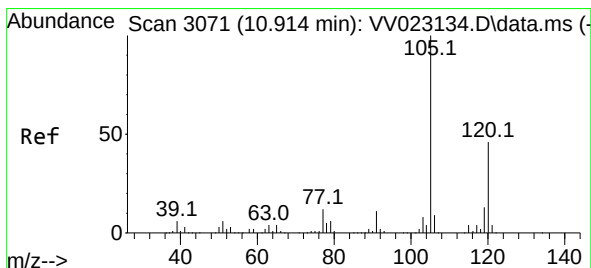
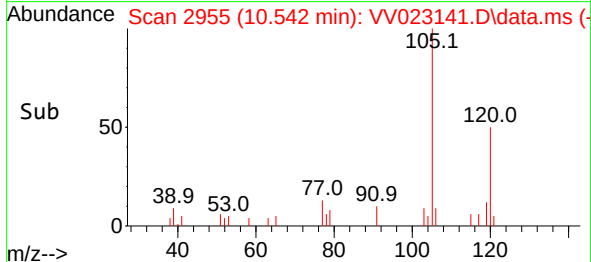
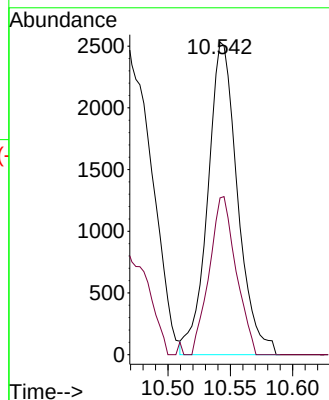
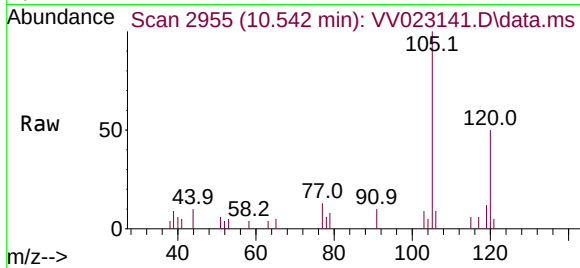
ClientSampleId :

Tgt Ion:105 Resp: 4214

Ion Ratio Lower Upper

105 100

120 45.3 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 0.650 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.003 min

Lab File: VV023141.D

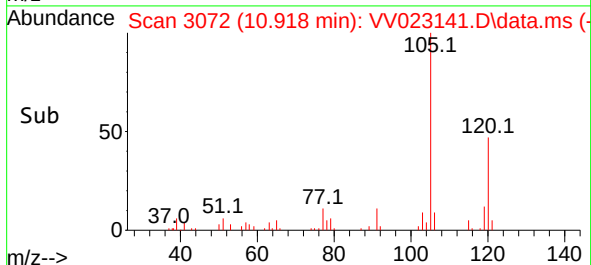
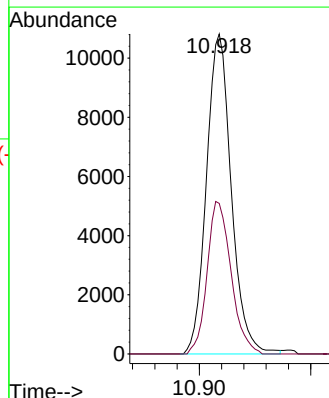
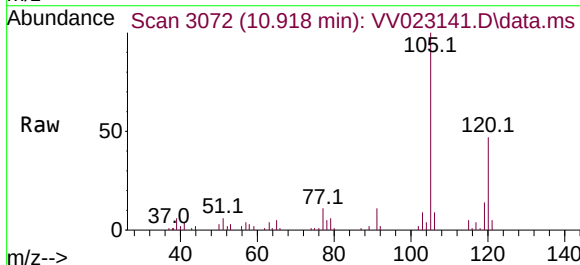
Acq: 02 Nov 2021 12:26

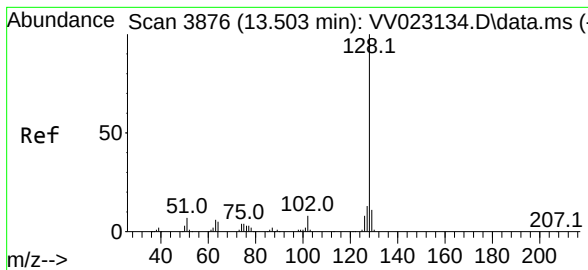
Tgt Ion:105 Resp: 16765

Ion Ratio Lower Upper

105 100

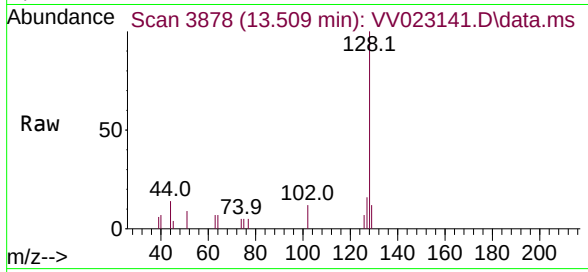
120 45.9 37.4 56.2





#71
Naphthalene
Concen: 0.299 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.007 min
Lab File: VV023141.D
Acq: 02 Nov 2021 12:26

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	4389
Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.6	13.0
127	13.4	10.5	15.7

