

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110221\
 Data File : VV023177.D
 Acq On : 03 Nov 2021 11:11
 Operator : SY/MD
 Sample : M4400-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 07 01:02:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 23:31:16 2021
 Response via : Initial Calibration

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

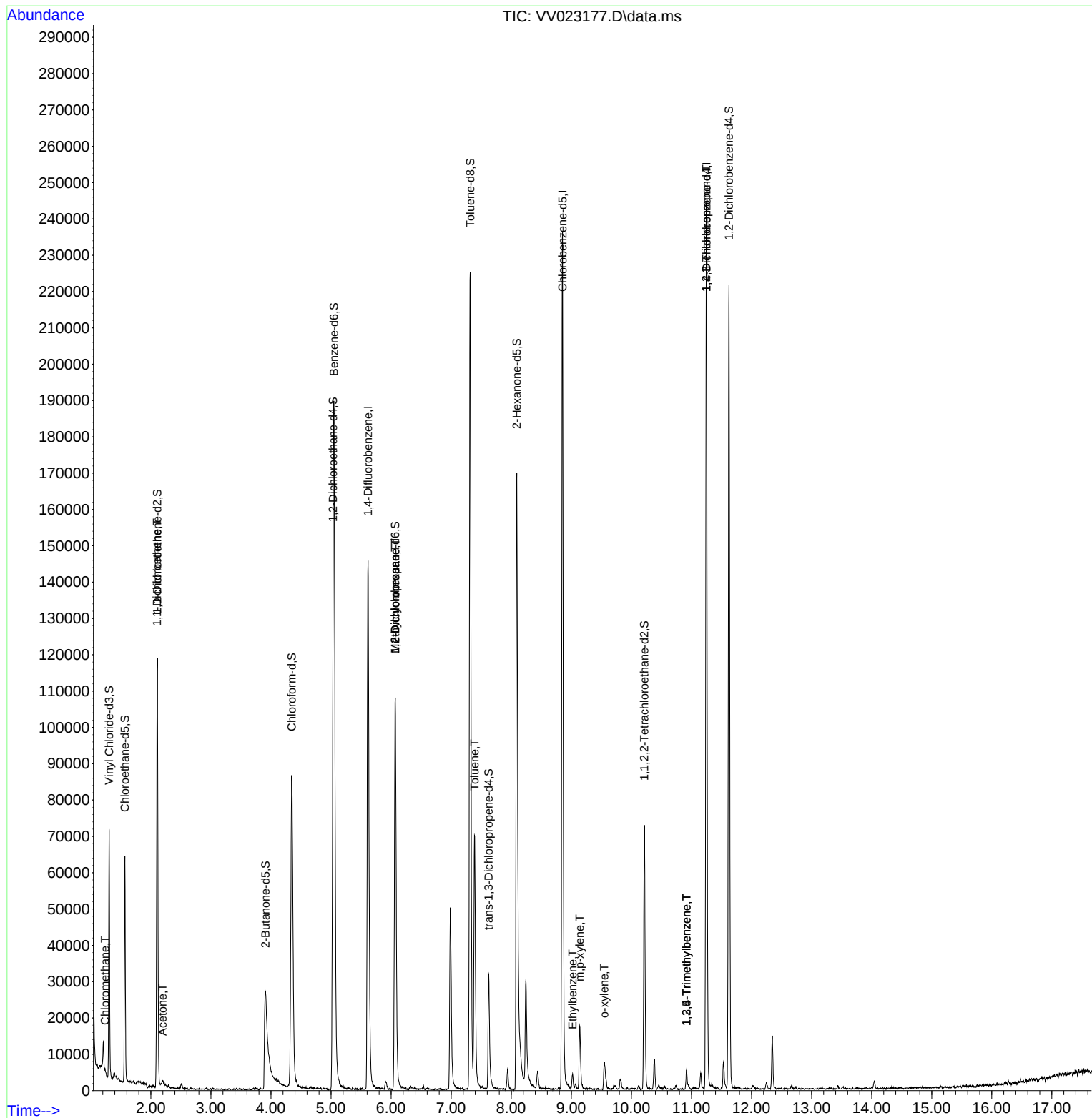
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	131465	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	132835	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64863	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	43047	3.747	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.568	69	36206	5.095	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.108	63	61721	3.724	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	3.908	46	68157	36.986	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.980%
24) Chloroform-d	4.346	84	89338	4.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.034	65	41990	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.050	84	176453	4.550	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.069	67	52613	4.407	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.316	98	151457	4.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	7.625	79	18999	4.542	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.091	63	64048	41.357	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.720%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34392	4.172	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	57932	5.006	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	631	0.070	ug/L	100
12) 1,1-Dichloroethene	2.104	96	483	0.072	ug/L #	1
13) Acetone	2.195	43	4271	4.724	ug/L	70
35) Methylcyclohexane	6.069	83	13585	1.056	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	6157	0.683	ug/L #	83
42) Toluene	7.387	91	53480	1.476	ug/L	98
52) Ethylbenzene	9.021	91	3356	0.093	ug/L	94
53) m,p-xylene	9.140	106	5575	0.387	ug/L	84
54) o-xylene	9.548	106	1851	0.136	ug/L	99
61) 1,2,3-Trichloropropane	11.246	75	7324	1.604	ug/L #	67
62) 1,3,5-Trimethylbenzene	10.918	105	3003	0.114	ug/L	89
63) 1,2,4-Trimethylbenzene	10.918	105	3003	0.114	ug/L	93

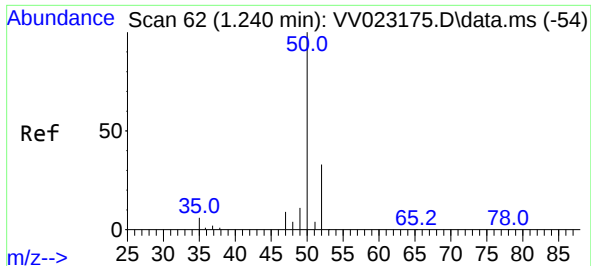
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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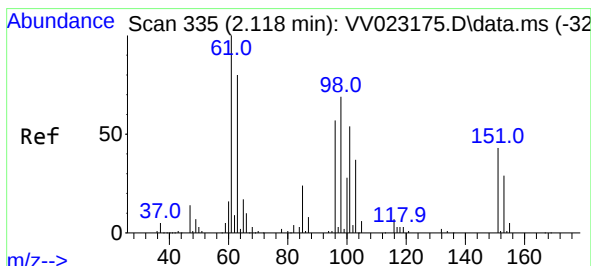
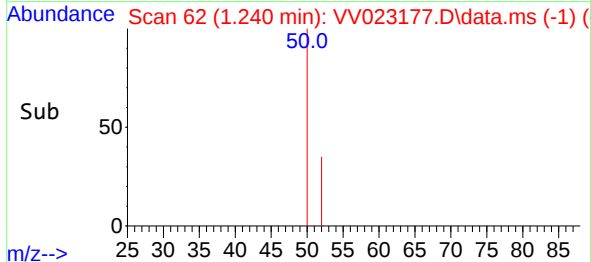
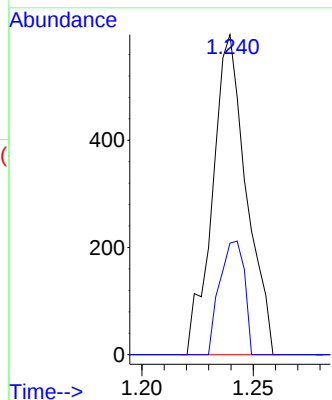
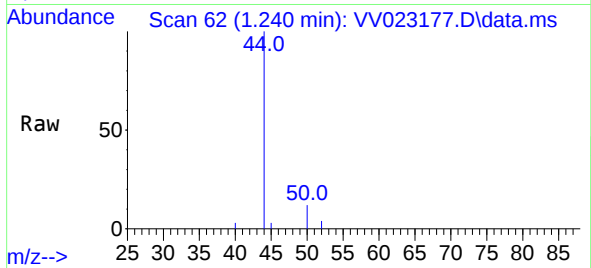




#3
Chloromethane
Concen: 0.070 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV023177.D
Acq: 03 Nov 2021 11:11

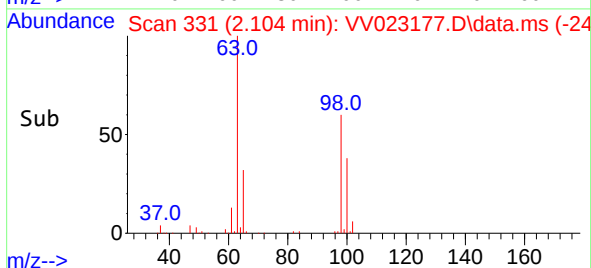
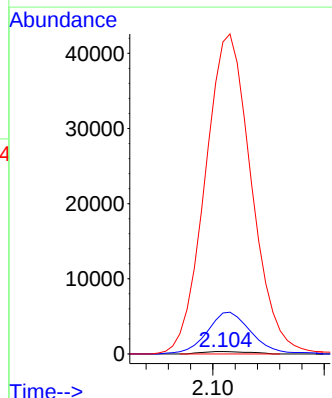
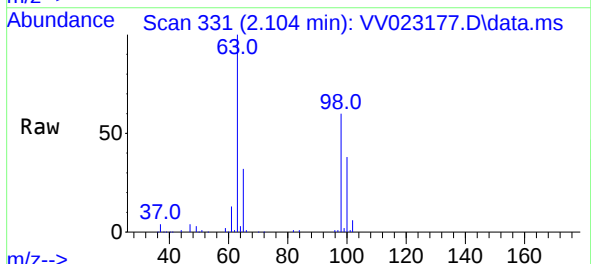
Instrument :
MSVOA_V
ClientSampleId :

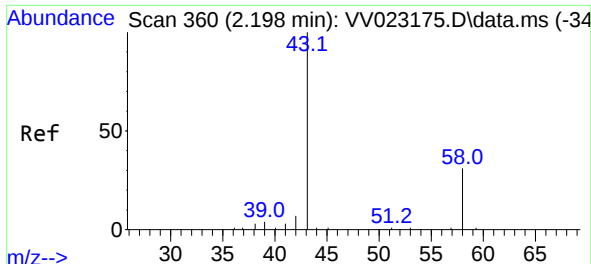
Tgt Ion: 50 Resp: 631
Ion Ratio Lower Upper
50 100
52 34.8 24.3 45.1



#12
1,1-Dichloroethene
Concen: 0.072 ug/L
RT: 2.104 min Scan# 331
Delta R.T. -0.013 min
Lab File: VV023177.D
Acq: 03 Nov 2021 11:11

Tgt Ion: 96 Resp: 483
Ion Ratio Lower Upper
96 100
61 1653.8 121.5 225.7#
63 12620.1 99.6 185.0#

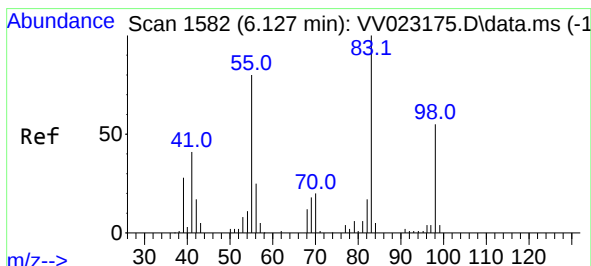
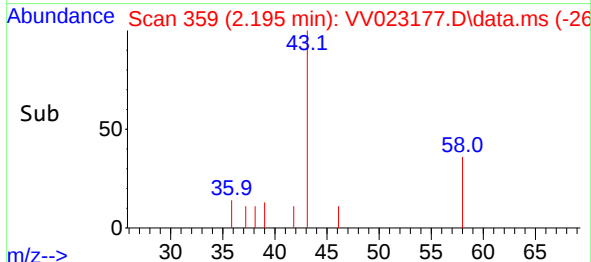
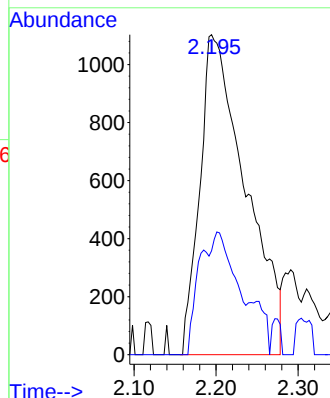
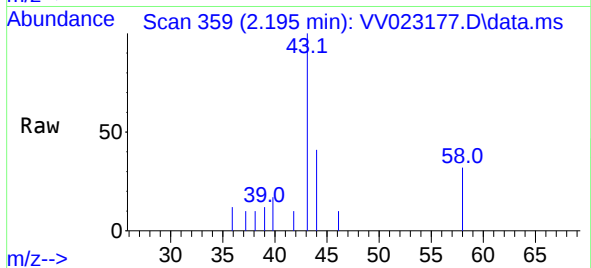




#13
Acetone
Concen: 4.724 ug/L
RT: 2.195 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV023177.D
Acq: 03 Nov 2021 11:11

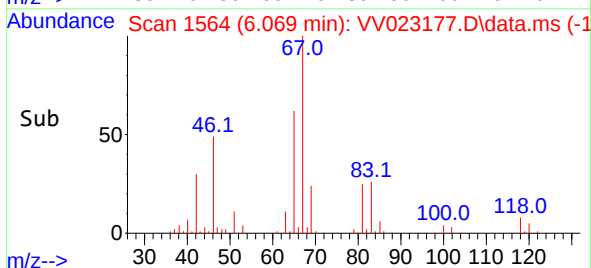
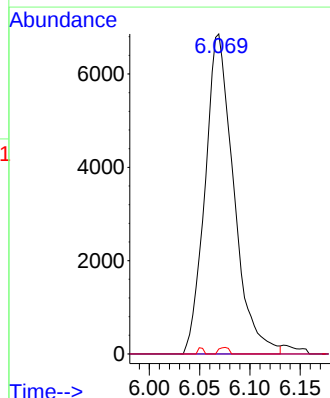
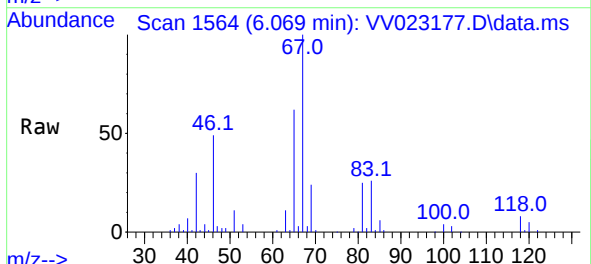
Instrument :
MSVOA_V
ClientSampleId :

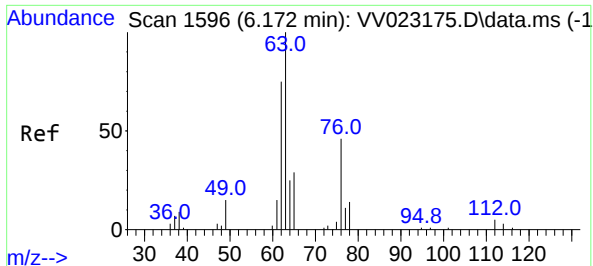
Tgt Ion: 43 Resp: 4271
Ion Ratio Lower Upper
43 100
58 12.2 0.0 55.4



#35
Methylcyclohexane
Concen: 1.056 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.064 min
Lab File: VV023177.D
Acq: 03 Nov 2021 11:11

Tgt Ion: 83 Resp: 13585
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 0.7 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.683 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV023177.D

Acq: 03 Nov 2021 11:11

Instrument :

MSVOA_V

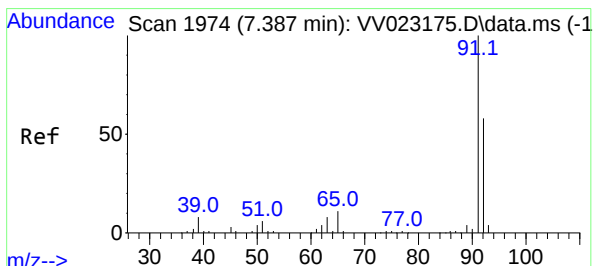
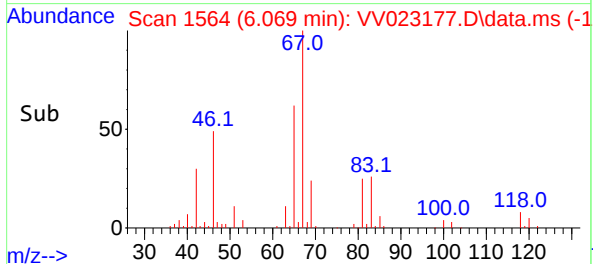
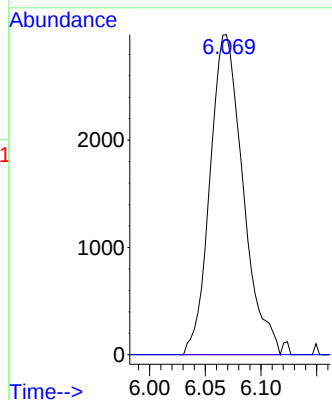
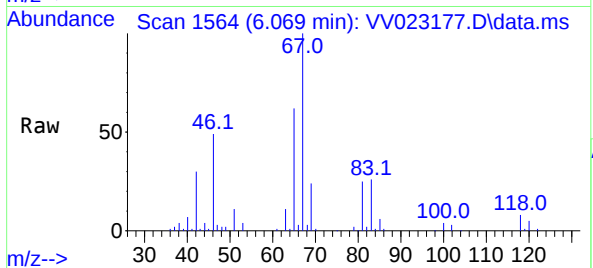
ClientSampleId :

Tgt Ion: 63 Resp: 6157

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#42

Toluene

Concen: 1.476 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV023177.D

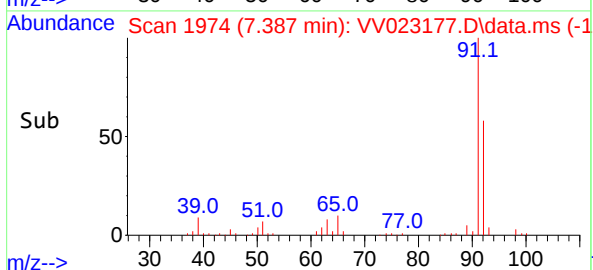
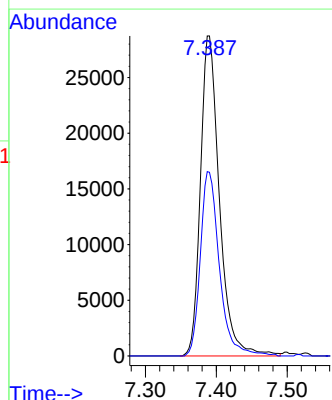
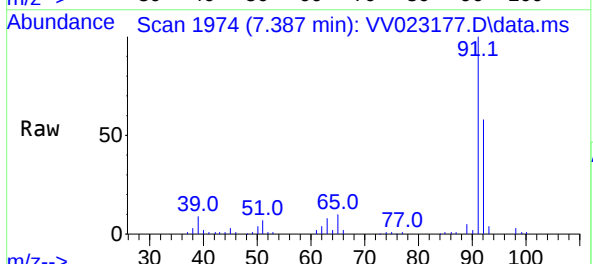
Acq: 03 Nov 2021 11:11

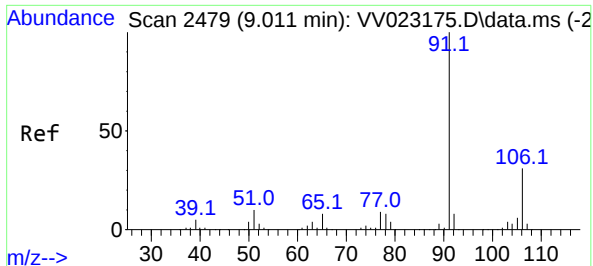
Tgt Ion: 91 Resp: 53480

Ion Ratio Lower Upper

91 100

92 57.6 39.3 72.9

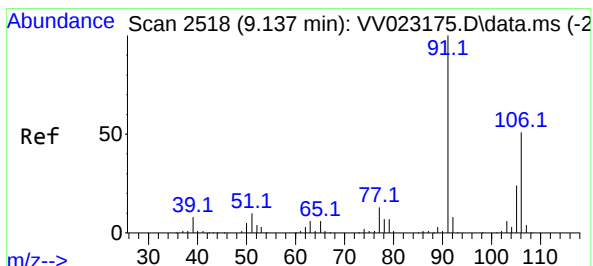
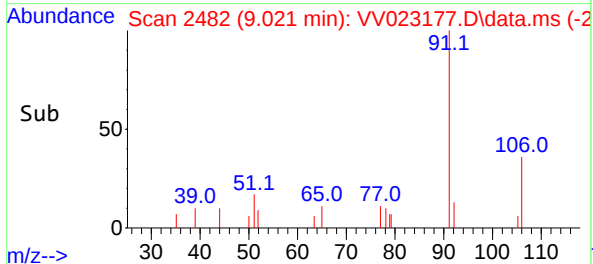
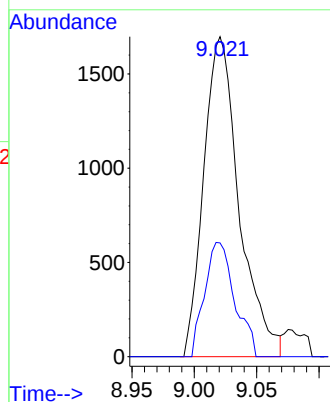
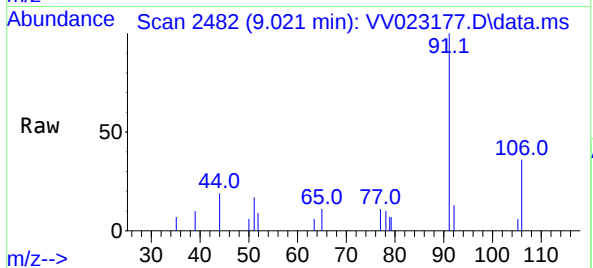




#52
Ethylbenzene
Concen: 0.093 ug/L
RT: 9.021 min Scan# 2479
Delta R.T. 0.006 min
Lab File: VV023177.D
Acq: 03 Nov 2021 11:11

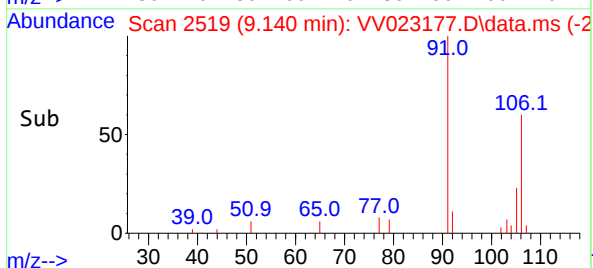
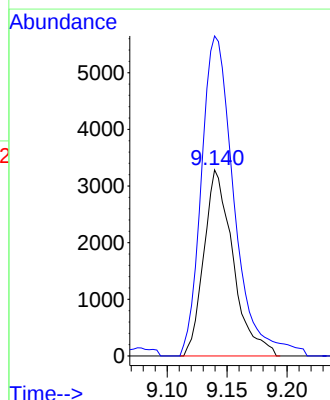
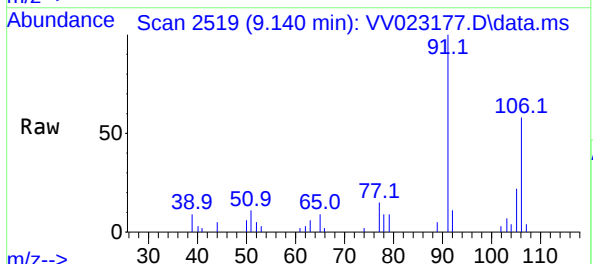
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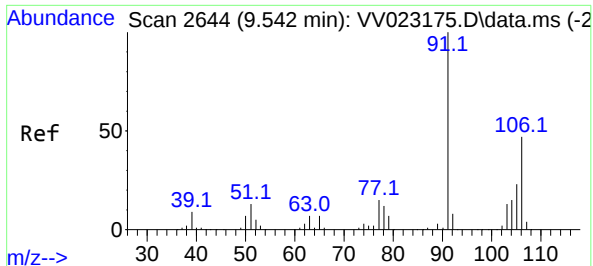
Tgt Ion: 91 Resp: 3356
Ion Ratio Lower Upper
91 100
106 35.6 22.5 41.9



#53
m,p-xylene
Concen: 0.387 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV023177.D
Acq: 03 Nov 2021 11:11

Tgt Ion: 106 Resp: 5575
Ion Ratio Lower Upper
106 100
91 171.9 137.2 254.8

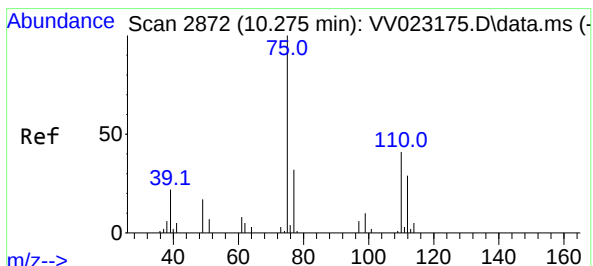
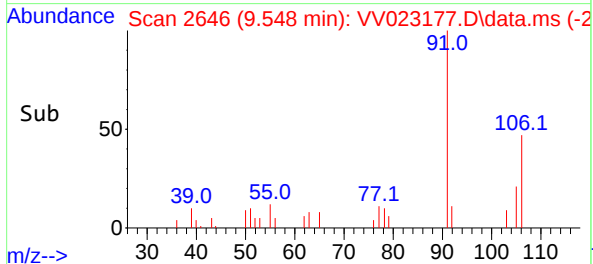
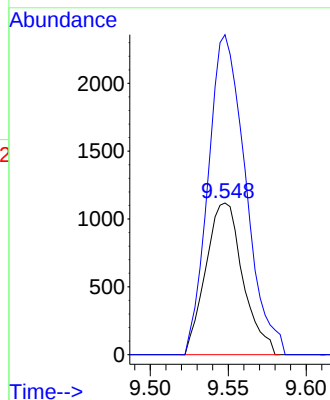
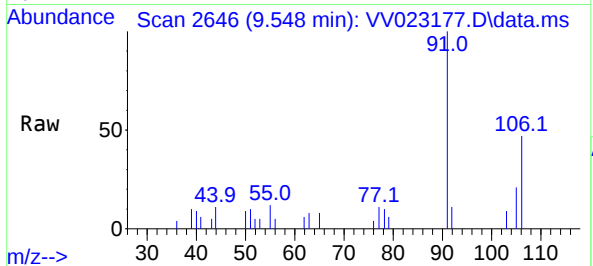




#54
o-xylene
Concen: 0.136 ug/L
RT: 9.548 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023177.D
Acq: 03 Nov 2021 11:11

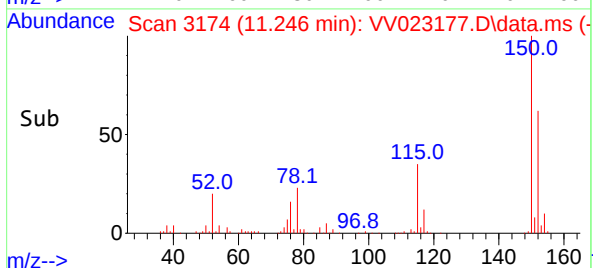
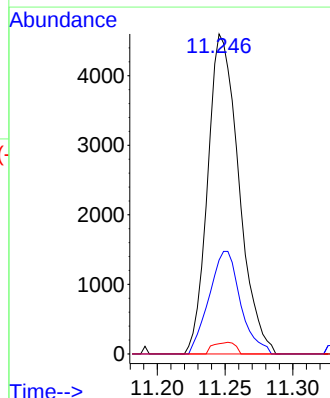
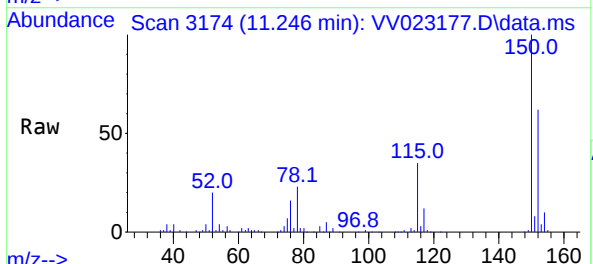
Instrument :
MSVOA_V
ClientSampleId :

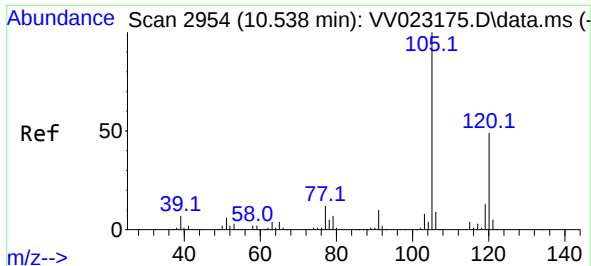
Tgt Ion:106 Resp: 1851
Ion Ratio Lower Upper
106 100
91 211.0 148.3 275.5



#61
1,2,3-Trichloropropane
Concen: 1.604 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.971 min
Lab File: VV023177.D
Acq: 03 Nov 2021 11:11

Tgt Ion: 75 Resp: 7324
Ion Ratio Lower Upper
75 100
77 32.5 26.6 39.8
110 2.6 31.8 47.6#





#62

1,3,5-Trimethylbenzene

Concen: 0.114 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.376 min

Lab File: VV023177.D

Acq: 03 Nov 2021 11:11

Instrument :

MSVOA_V

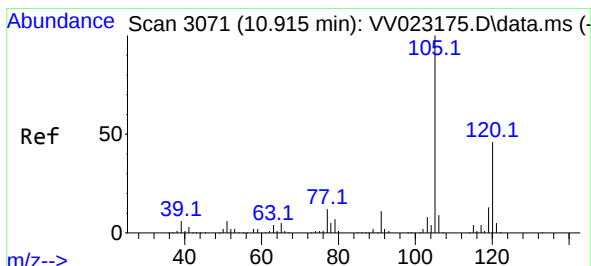
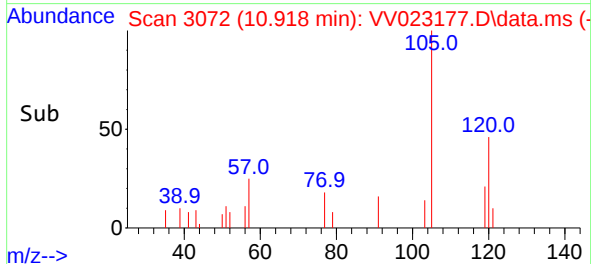
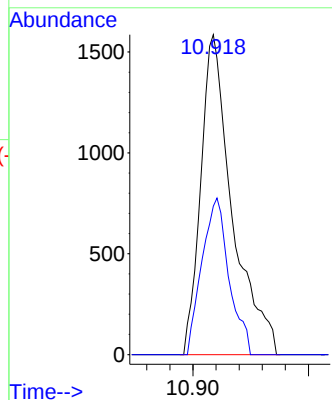
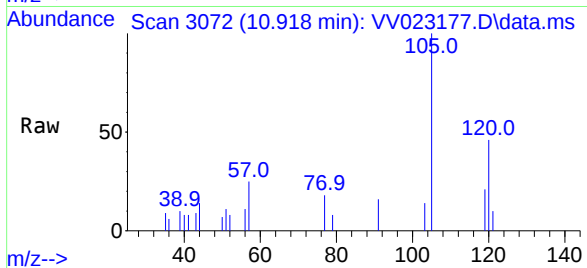
ClientSampleId :

Tgt Ion:105 Resp: 3003

Ion Ratio Lower Upper

105 100

120 42.1 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 0.114 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.003 min

Lab File: VV023177.D

Acq: 03 Nov 2021 11:11

Tgt Ion:105 Resp: 3003

Ion Ratio Lower Upper

105 100

120 42.1 37.4 56.2

