

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100523\
 Data File : VW032259.D
 Acq On : 05 Oct 2023 16:34
 Operator : SY/MD
 Sample : 04748-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 01:30:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 06 01:20:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	75402	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	77465	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	37235	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26495	4.321	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.532	69	24599	4.942	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.059	65	11412	4.413	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	3.796	46	98376	63.416	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.840%
24) Chloroform-d	4.256	84	53131	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	4.947	65	29347	5.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.600%
32) Benzene-d6	4.963	84	103934	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	5.995	67	35002	4.635	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.249	98	88498	4.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.561	79	11877	4.438	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.027	63	74575	59.227	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.460%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	31331	5.931	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	35203	5.095	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
13) Acetone	2.127	43	3090	2.584	ug/L	97
15) Methyl Acetate	2.471	43	7187	2.670	ug/L #	53
17) Methyl tert-butyl Ether	2.712	73	3590	0.238	ug/L #	1
19) 1,1-Dichloroethane	3.117	63	5284	0.443	ug/L	87
27) 1,2-Dichloroethane	5.063	62	1523	0.221	ug/L #	73
30) Cyclohexane	4.590	56	3514	0.304	ug/L	96
33) Benzene	5.024	78	6669	0.245	ug/L	100
35) Methylcyclohexane	6.050	83	4445	0.386	ug/L	97
42) Toluene	7.326	91	19407	0.667	ug/L	97
52) Ethylbenzene	8.960	91	4722	0.146	ug/L	99
53) m,p-Xylene	9.082	106	3353	0.279	ug/L	97
54) o-Xylene	9.487	106	1694	0.146	ug/L	76
60) Isopropylbenzene	10.397	105	1859	0.064	ug/L	97
61) 1,2,3-Trichloropropane	11.188	75	4664	1.177	ug/L #	64
63) 1,2,4-Trimethylbenzene	10.860	105	2911	0.124	ug/L	96
71) Naphthalene	13.451	128	987	0.065	ug/L #	69

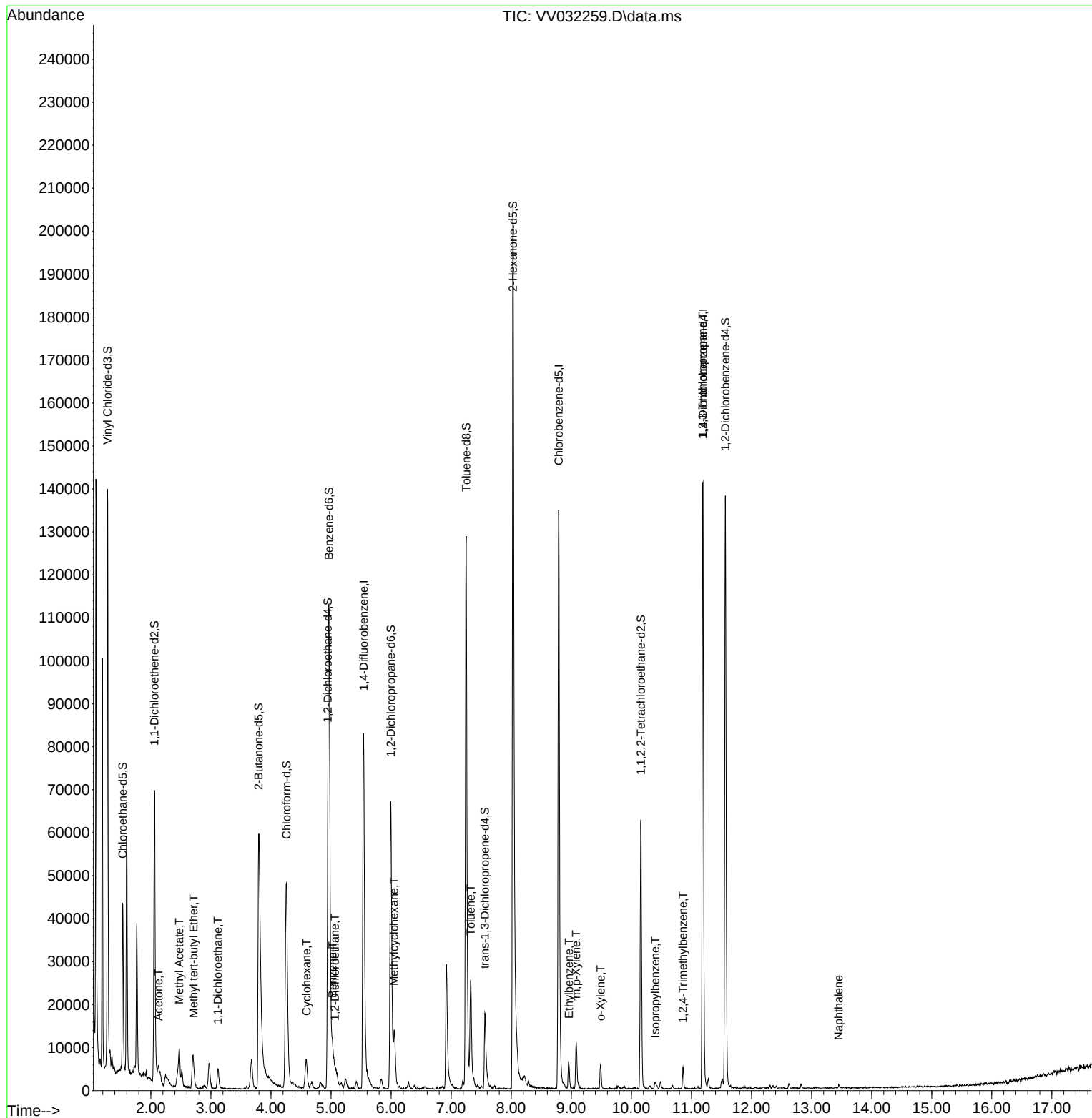
(#) = qualifier out of range (m) = manual integration (+) = signals summed

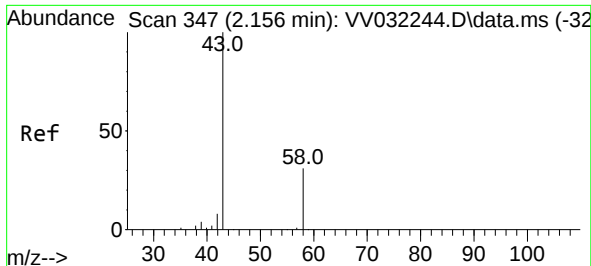
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100523\
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Quant Time: Oct 06 01:30:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 06 01:20:04 2023
Response via : Initial Calibration





#13

Acetone

Concen: 2.584 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.029 min

Lab File: VV032259.D

Acq: 05 Oct 2023 16:34

Instrument :

MSVOA_V

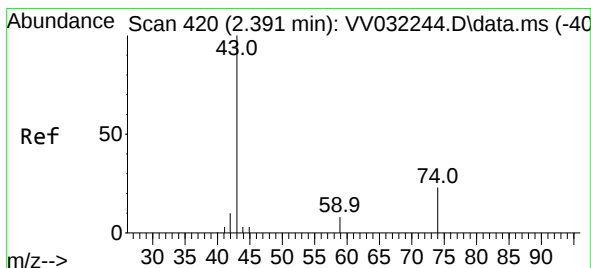
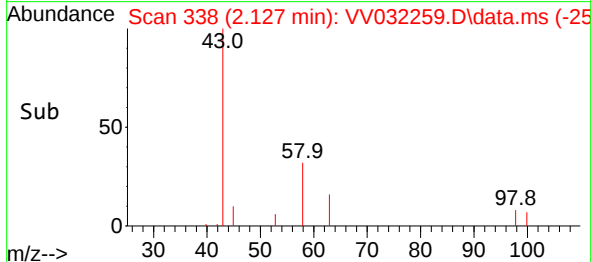
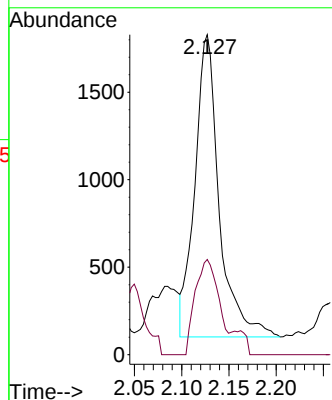
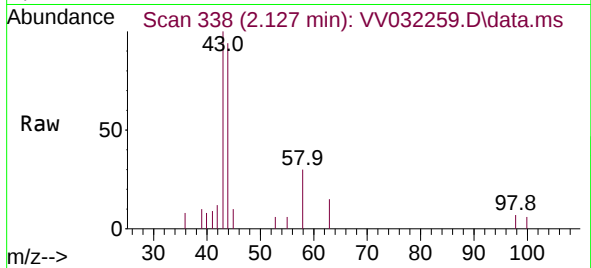
ClientSampleId :

Tgt Ion: 43 Resp: 3090

Ion Ratio Lower Upper

43 100

58 31.3 0.0 66.0



#15

Methyl Acetate

Concen: 2.670 ug/L

RT: 2.471 min Scan# 445

Delta R.T. 0.080 min

Lab File: VV032259.D

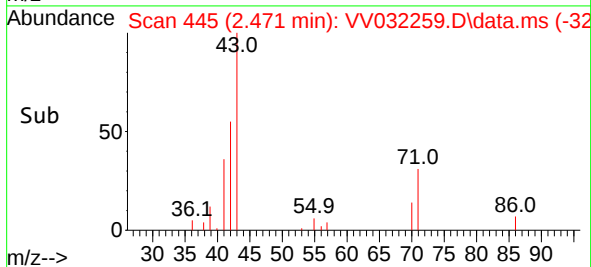
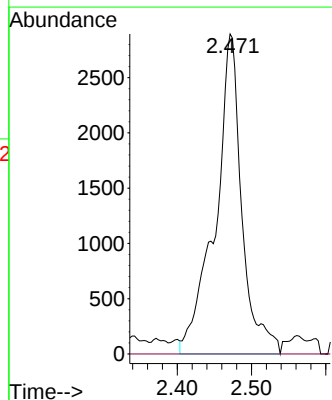
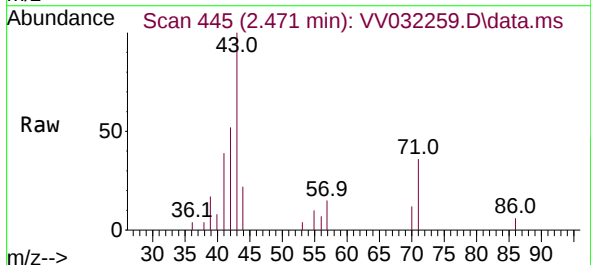
Acq: 05 Oct 2023 16:34

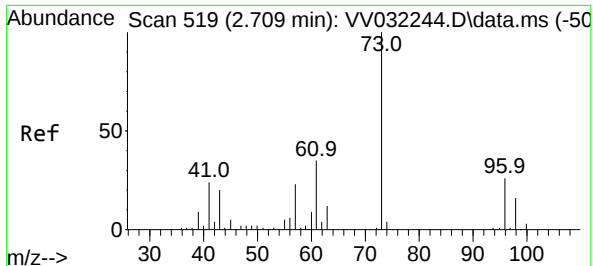
Tgt Ion: 43 Resp: 7187

Ion Ratio Lower Upper

43 100

74 0.0 18.0 27.0#





#17

Methyl tert-butyl Ether

Concen: 0.238 ug/L

RT: 2.712 min Scan# 51

Delta R.T. 0.003 min

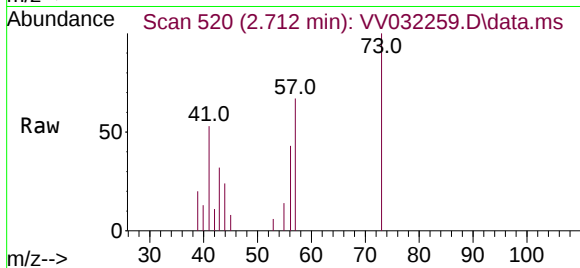
Lab File: VV032259.D

Acq: 05 Oct 2023 16:34

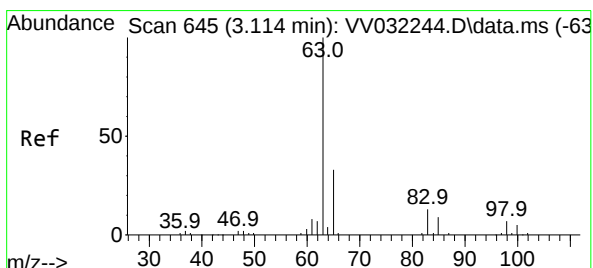
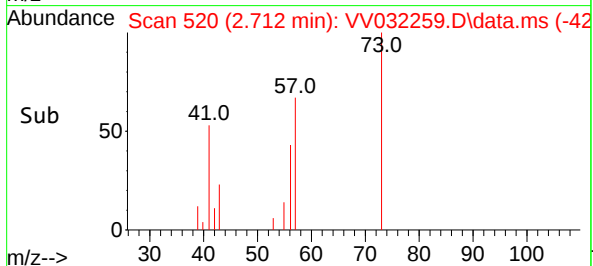
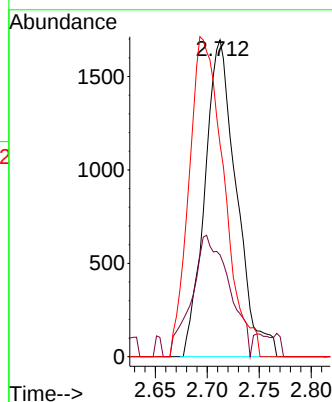
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 73	Resp:	3590
Ion	Ratio	Lower Upper
73	100	
43	45.3	15.1 22.7#
57	111.1	18.3 27.5#



#19

1,1-Dichloroethane

Concen: 0.443 ug/L

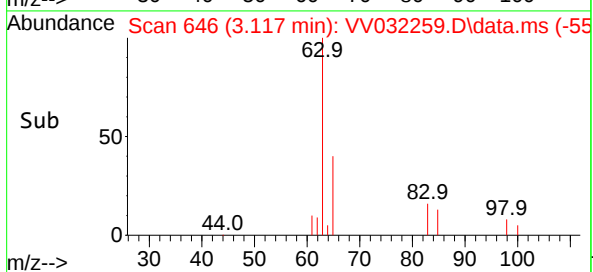
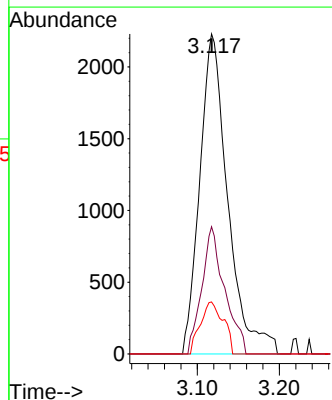
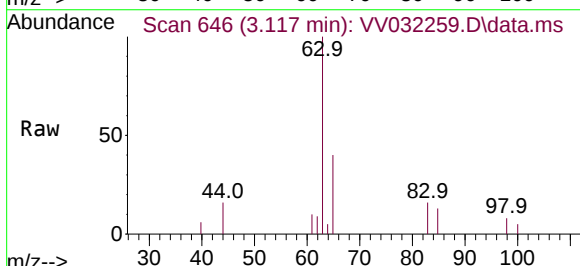
RT: 3.117 min Scan# 646

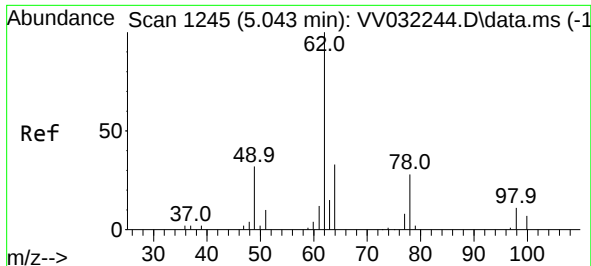
Delta R.T. 0.003 min

Lab File: VV032259.D

Acq: 05 Oct 2023 16:34

Tgt Ion: 63	Resp:	5284
Ion	Ratio	Lower Upper
63	100	
65	39.7	22.3 41.5
83	16.2	9.0 16.6





#27

1,2-Dichloroethane

Concen: 0.221 ug/L

RT: 5.063 min Scan# 1104

Delta R.T. 0.019 min

Lab File: VV032259.D

Acq: 05 Oct 2023 16:34

Instrument :

MSVOA_V

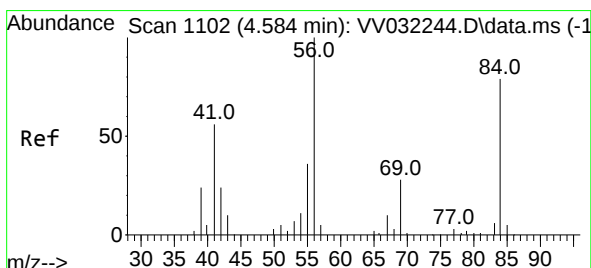
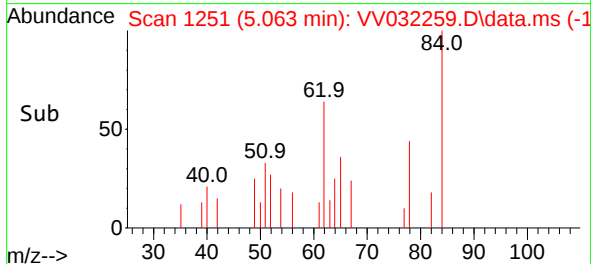
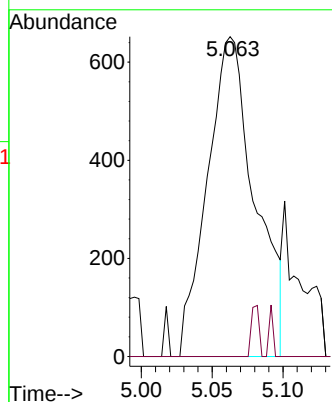
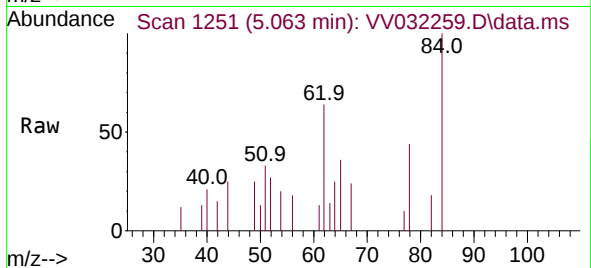
ClientSampleId :

Tgt Ion: 62 Resp: 1523

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#



#30

Cyclohexane

Concen: 0.304 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VV032259.D

Acq: 05 Oct 2023 16:34

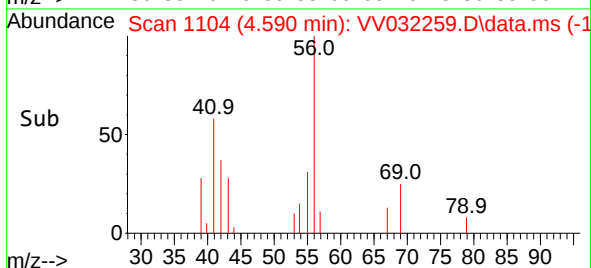
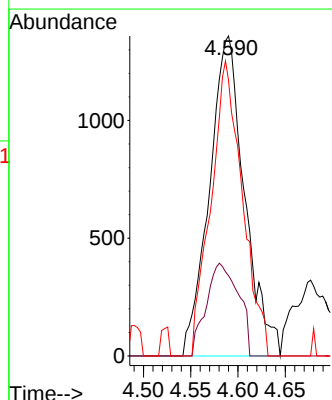
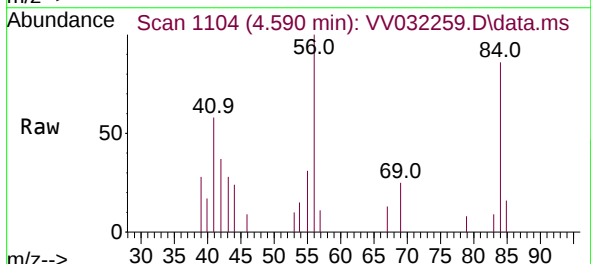
Tgt Ion: 56 Resp: 3514

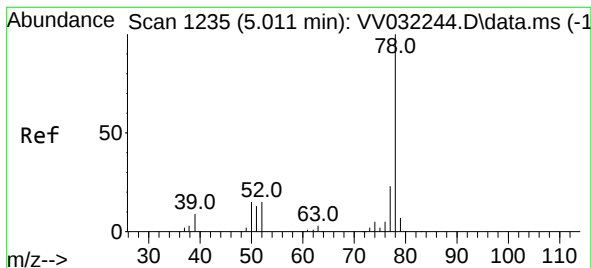
Ion Ratio Lower Upper

56 100

69 26.4 24.2 36.2

84 82.4 68.1 102.1





#33

Benzene

Concen: 0.245 ug/L

RT: 5.024 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV032259.D

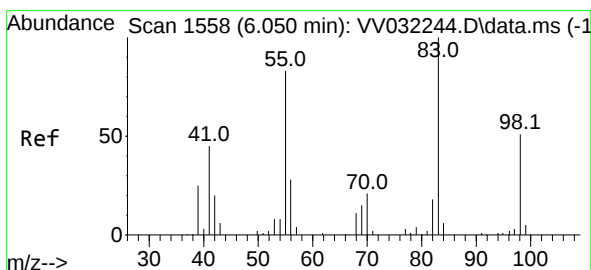
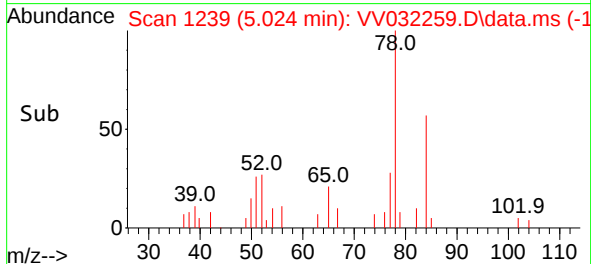
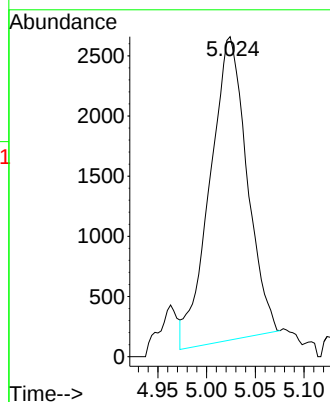
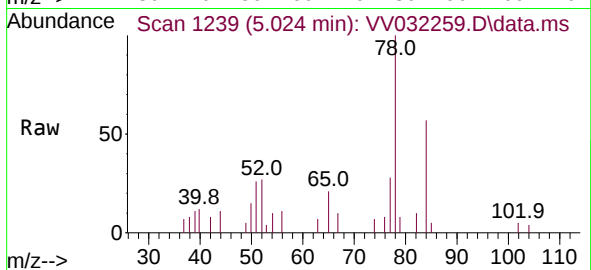
Acq: 05 Oct 2023 16:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 6669



#35

Methylcyclohexane

Concen: 0.386 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.000 min

Lab File: VV032259.D

Acq: 05 Oct 2023 16:34

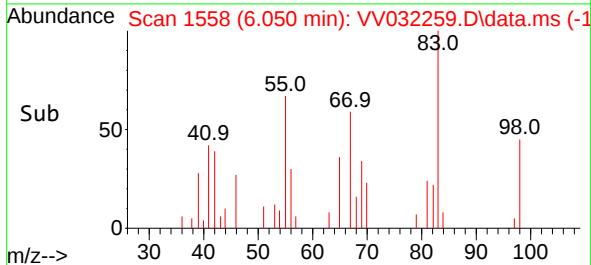
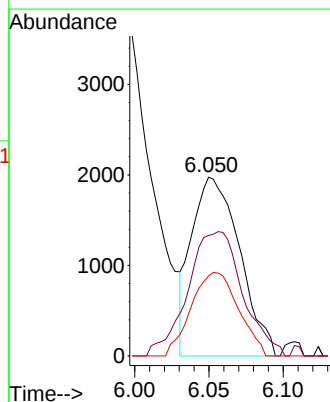
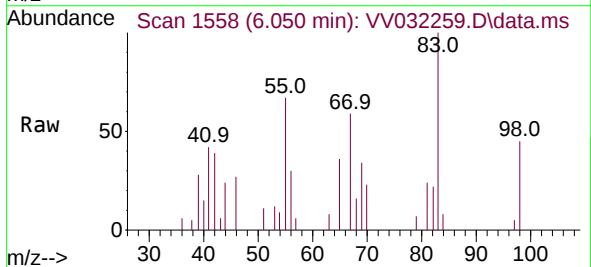
Tgt Ion: 83 Resp: 4445

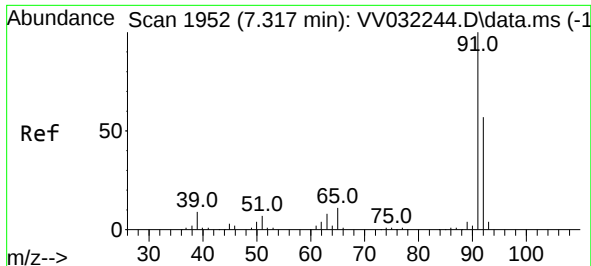
Ion Ratio Lower Upper

83 100

55 79.5 64.2 96.2

98 45.9 39.6 59.4





#42

Toluene

Concen: 0.667 ug/L

RT: 7.326 min Scan# 1952

Delta R.T. 0.010 min

Lab File: VV032259.D

Acq: 05 Oct 2023 16:34

Instrument :

MSVOA_V

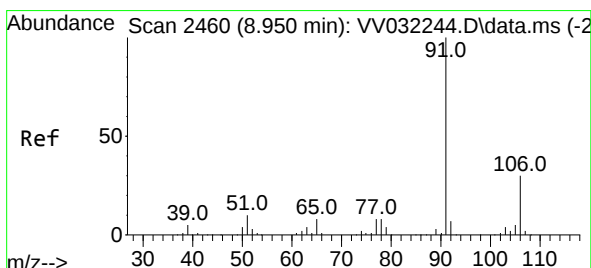
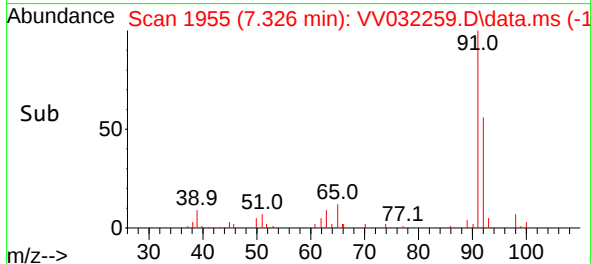
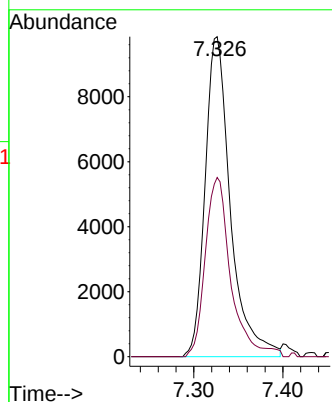
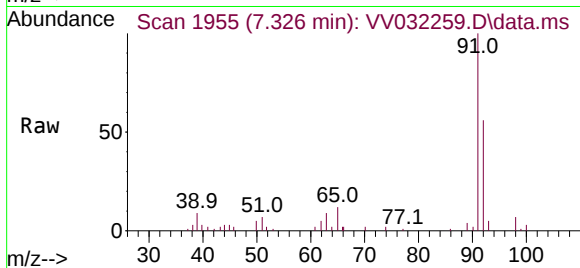
ClientSampleId :

Tgt Ion: 91 Resp: 19407

Ion Ratio Lower Upper

91 100

92 56.0 40.8 75.8



#52

Ethylbenzene

Concen: 0.146 ug/L

RT: 8.960 min Scan# 2463

Delta R.T. 0.010 min

Lab File: VV032259.D

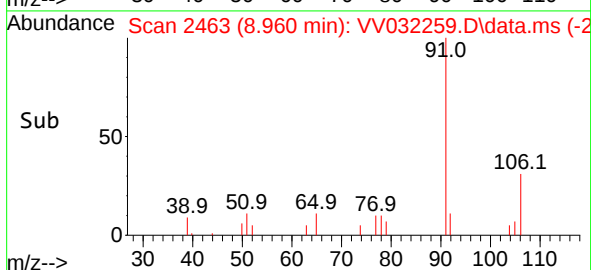
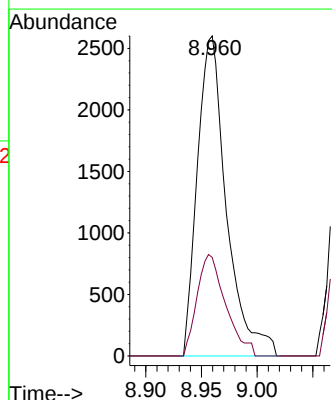
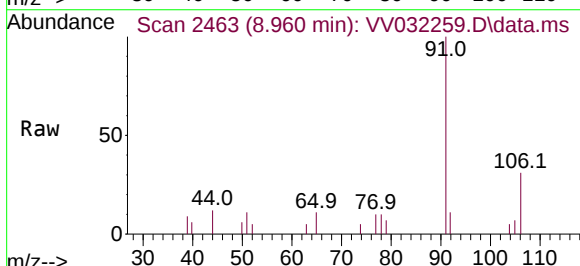
Acq: 05 Oct 2023 16:34

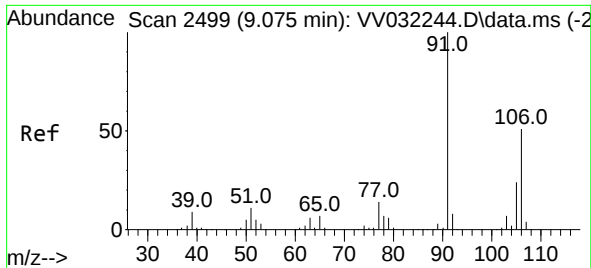
Tgt Ion: 91 Resp: 4722

Ion Ratio Lower Upper

91 100

106 30.8 21.3 39.5

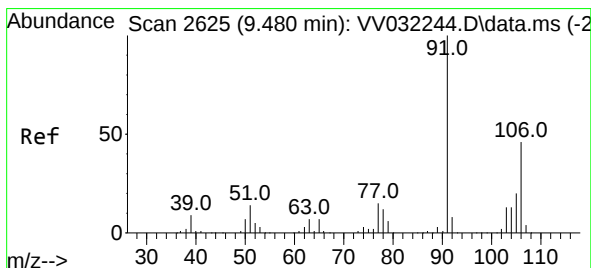
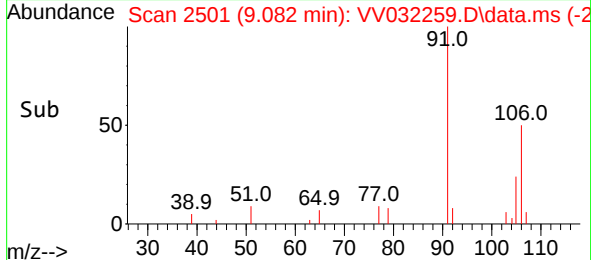
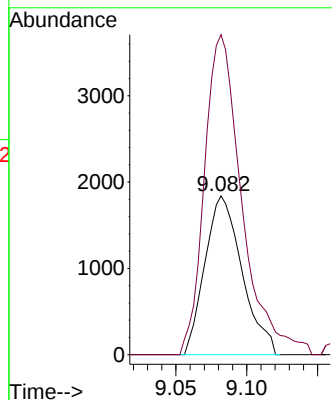
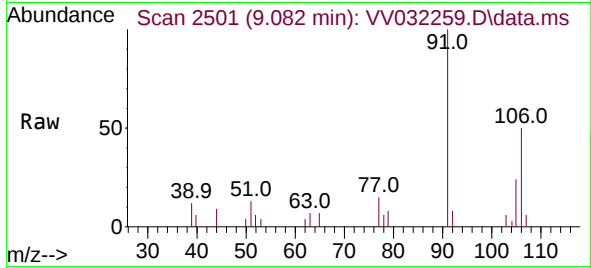




#53
m,p-Xylene
Concen: 0.279 ug/L
RT: 9.082 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV032259.D
Acq: 05 Oct 2023 16:34

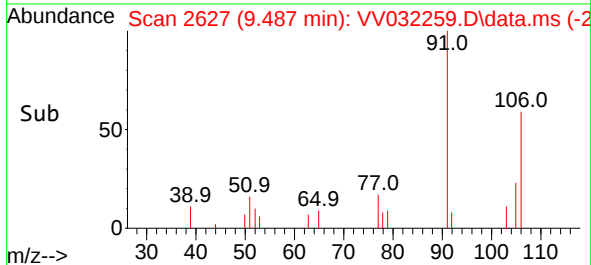
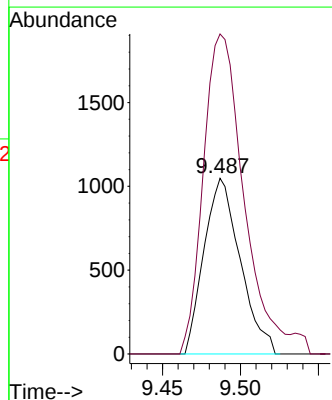
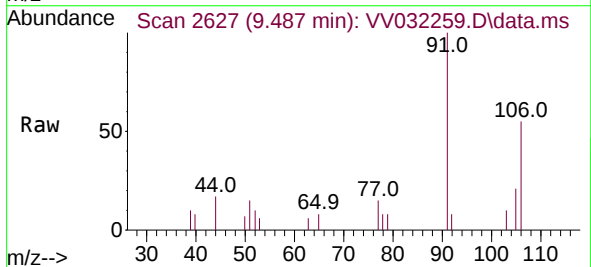
Instrument :
MSVOA_V
ClientSampleId :

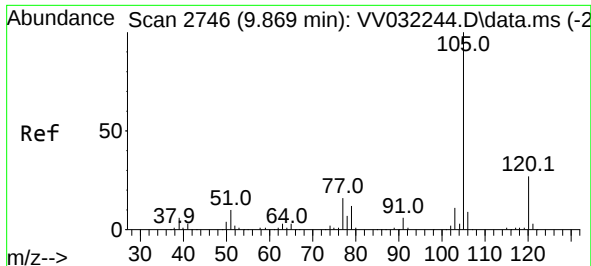
Tgt Ion:106 Resp: 3353
Ion Ratio Lower Upper
106 100
91 201.5 144.5 268.3



#54
o-Xylene
Concen: 0.146 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.006 min
Lab File: VV032259.D
Acq: 05 Oct 2023 16:34

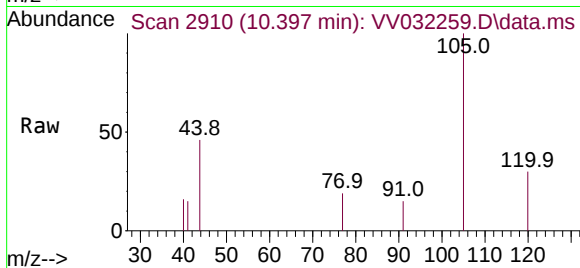
Tgt Ion:106 Resp: 1694
Ion Ratio Lower Upper
106 100
91 182.2 154.8 287.4



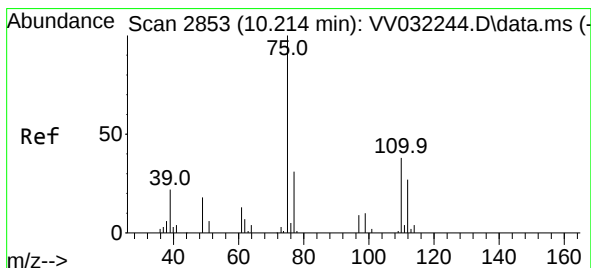
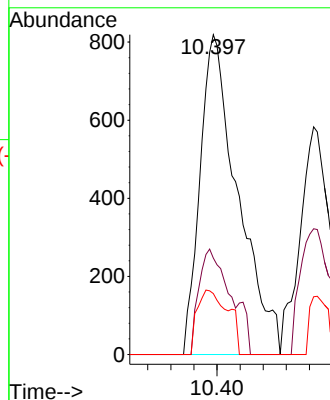
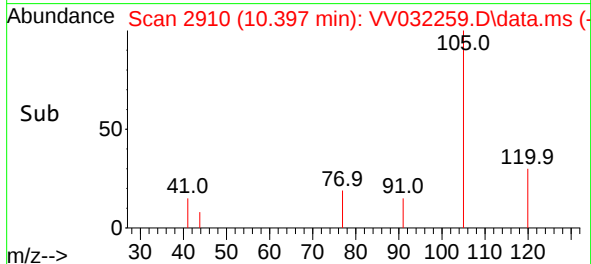


#60
Isopropylbenzene
Concen: 0.064 ug/L
RT: 10.397 min Scan# 2910
Delta R.T. 0.527 min
Lab File: VV032259.D
Acq: 05 Oct 2023 16:34

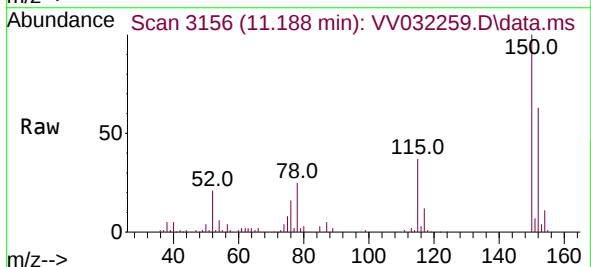
Instrument :
MSVOA_V
ClientSampleId :



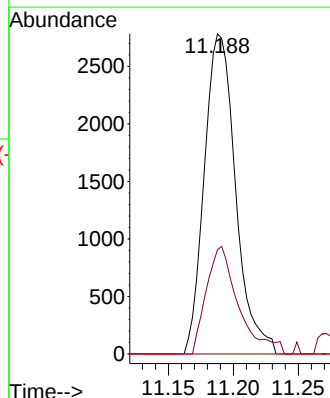
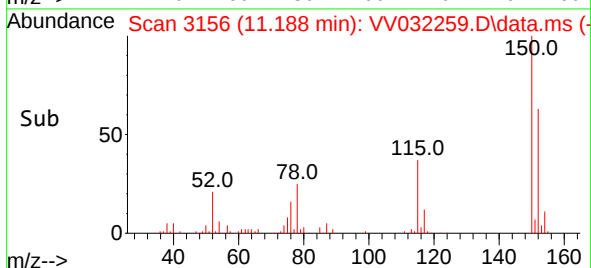
Tgt Ion:105 Resp: 1859
Ion Ratio Lower Upper
105 100
120 28.0 21.0 31.6
77 16.4 12.6 19.0

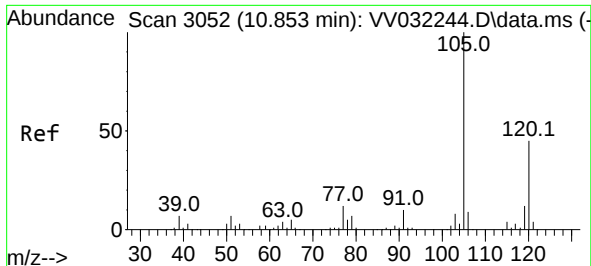


#61
1,2,3-Trichloropropane
Concen: 1.177 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV032259.D
Acq: 05 Oct 2023 16:34



Tgt Ion: 75 Resp: 4664
Ion Ratio Lower Upper
75 100
77 34.5 26.2 39.2
110 0.0 30.6 46.0#

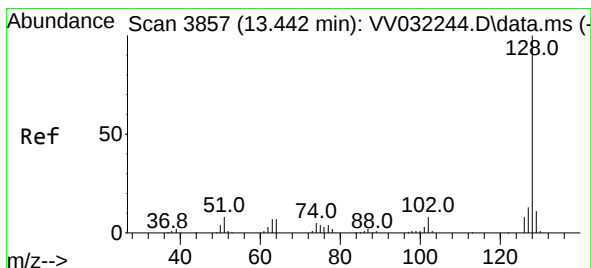
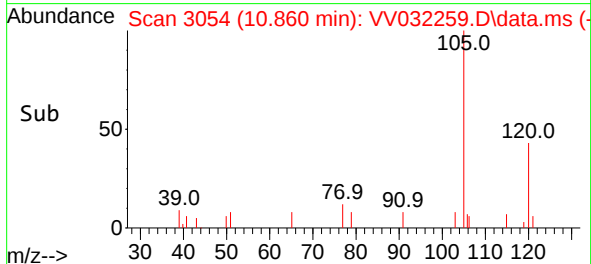
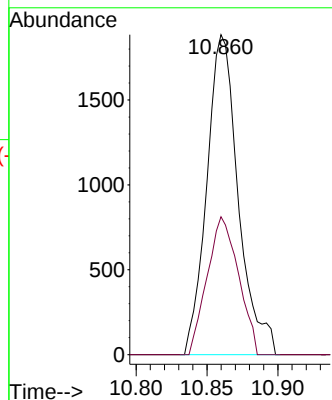
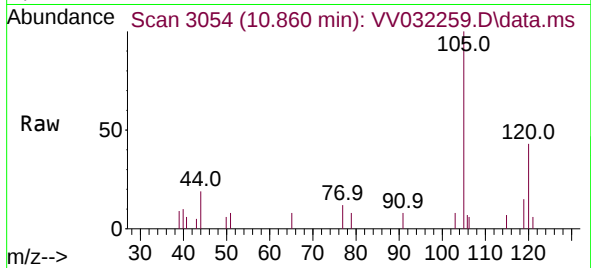




#63
1,2,4-Trimethylbenzene
Concen: 0.124 ug/L
RT: 10.860 min Scan# 3052
Delta R.T. 0.006 min
Lab File: VV032259.D
Acq: 05 Oct 2023 16:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 2911
Ion Ratio Lower Upper
105 100
120 42.7 36.2 54.4



#71
Naphthalene
Concen: 0.065 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.010 min
Lab File: VV032259.D
Acq: 05 Oct 2023 16:34

Tgt Ion:128 Resp: 987
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.4#
127 0.0 10.2 15.2#

