

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031722\
 Data File : VW025077.D
 Acq On : 17 Mar 2022 13:04
 Operator : SY/MD
 Sample : N1941-16RE
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 JNLG6

Quant Time: Mar 18 02:21:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 18 02:20:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	154882	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	145491	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62824	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	60474	4.946	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.568	69	45476	5.079	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.108	63	74390	3.764	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	3.899	46	76393	51.695	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.400%
24) Chloroform-d	4.352	84	92285	4.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.034	65	40387	4.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.050	84	197008	4.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.069	67	56150	4.627	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.317	98	171826	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.625	79	16999	4.018	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.088	63	60149	41.680	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.360%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31462	4.407	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	52046	4.894	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	2252	0.174	ug/L	99
13) Acetone	2.188	43	6974	7.056	ug/L	69
15) Methyl Acetate	2.449	43	1969	0.727	ug/L	97
17) Methyl tert-butyl Ether	2.773	73	655	0.030	ug/L #	72
21) 2-Butanone	4.082	43	49950	32.022	ug/L #	56
25) Chloroform	4.387	83	1974	0.094	ug/L	92
27) 1,2-Dichloroethane	5.053	62	906	0.087	ug/L #	71
35) Methylcyclohexane	6.072	83	13938	0.699	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	5829	0.536	ug/L #	86
39) cis-1,3-Dichloropropene	6.995	75	1263	0.084	ug/L	87
42) Toluene	7.397	91	12569	0.254	ug/L	96
52) Ethylbenzene	9.021	91	2260	0.043	ug/L	96
53) m,p-xylene	9.143	106	2247	0.111	ug/L	95
54) o-xylene	9.554	106	1599	0.083	ug/L	82
61) 1,2,3-Trichloropropane	10.011	75	674	0.128	ug/L #	39
62) 1,3,5-Trimethylbenzene	10.915	105	1496	0.070	ug/L	90

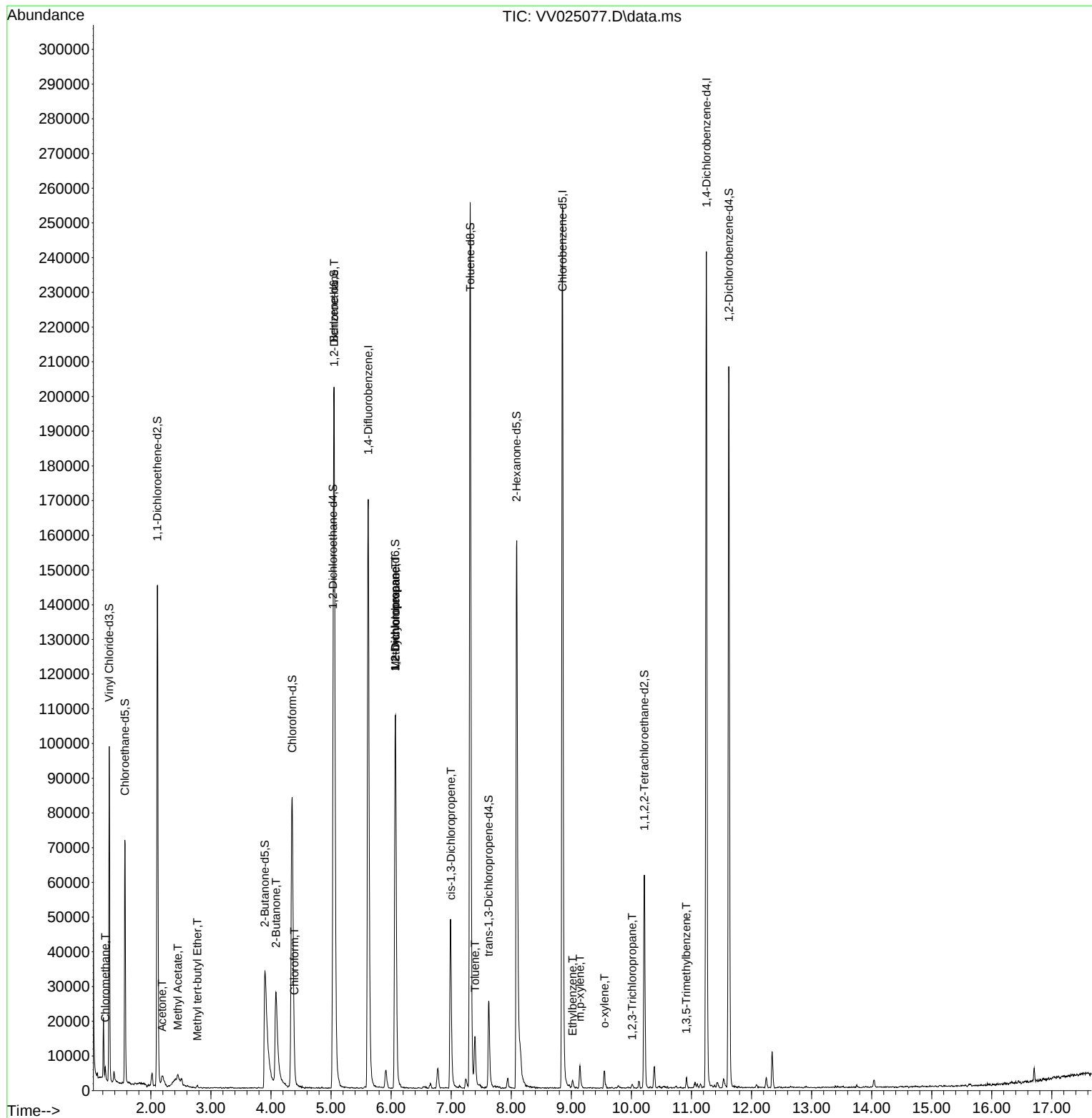
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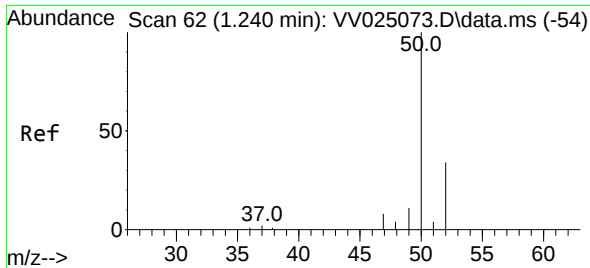
Instrument :
MSVOA_V
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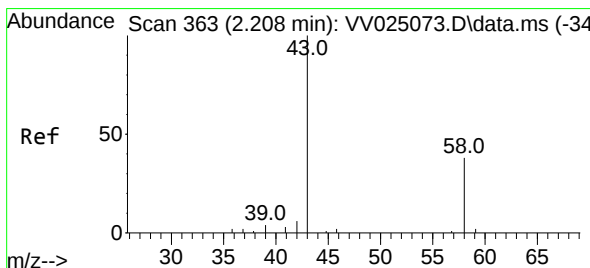
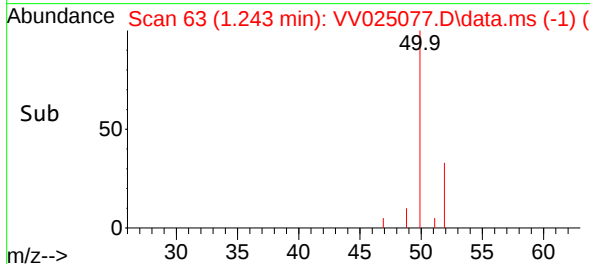
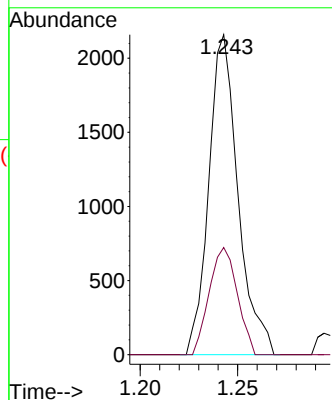
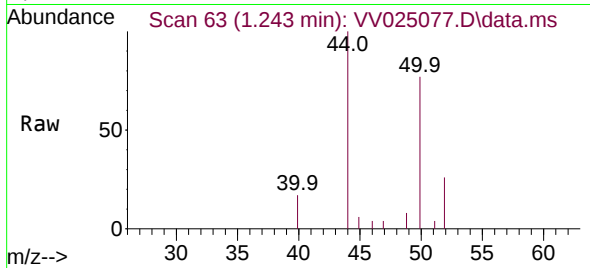




#3
Chloromethane
Concen: 0.174 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV025077.D
Acq: 17 Mar 2022 13:04

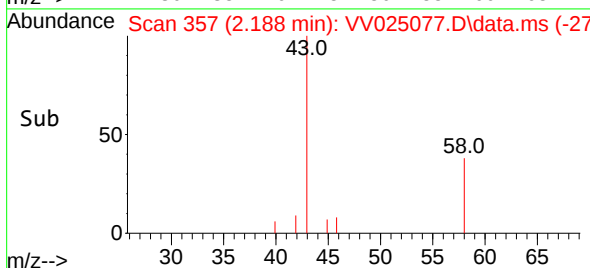
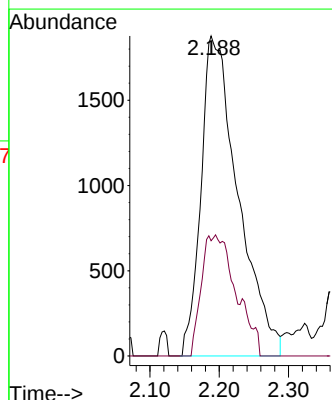
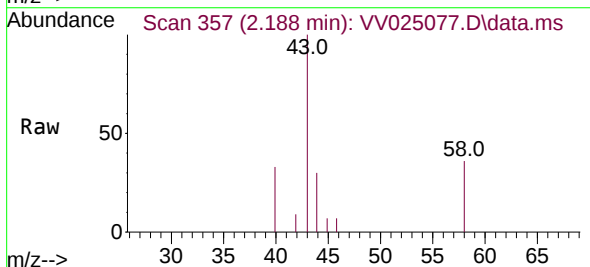
Instrument :
MSVOA_V
ClientSampleId :
JNLG6

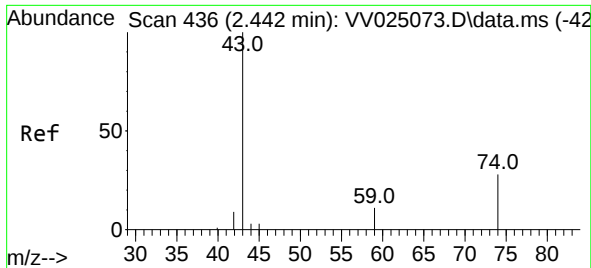
Tgt Ion: 50 Resp: 2252
Ion Ratio Lower Upper
50 100
52 33.5 23.2 43.2



#13
Acetone
Concen: 7.056 ug/L
RT: 2.188 min Scan# 357
Delta R.T. -0.019 min
Lab File: VV025077.D
Acq: 17 Mar 2022 13:04

Tgt Ion: 43 Resp: 6974
Ion Ratio Lower Upper
43 100
58 11.1 0.0 54.2





#15

Methyl Acetate

Concen: 0.727 ug/L

RT: 2.449 min Scan# 41

Delta R.T. 0.006 min

Lab File: VV025077.D

Acq: 17 Mar 2022 13:04

Instrument :

MSVOA_V

ClientSampleId :

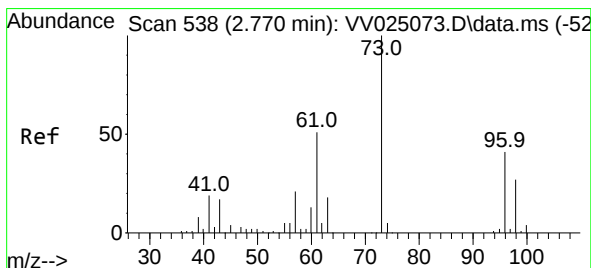
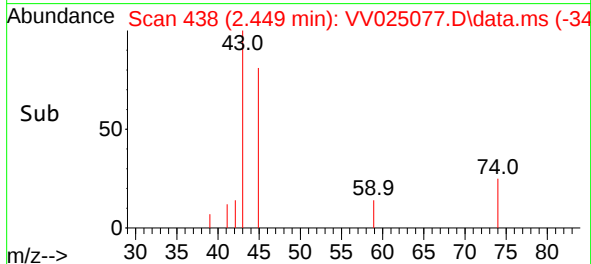
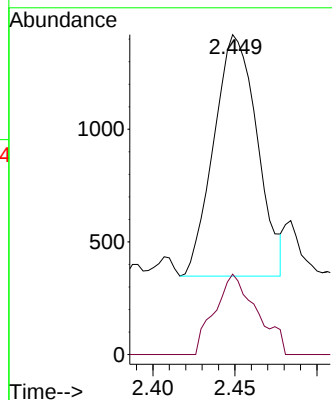
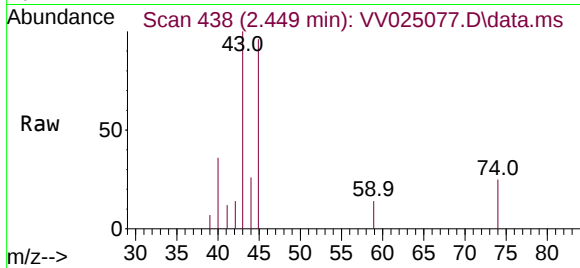
JNLG6

Tgt Ion: 43 Resp: 1969

Ion Ratio Lower Upper

43 100

74 32.2 24.2 36.4



#17

Methyl tert-butyl Ether

Concen: 0.030 ug/L

RT: 2.773 min Scan# 539

Delta R.T. 0.003 min

Lab File: VV025077.D

Acq: 17 Mar 2022 13:04

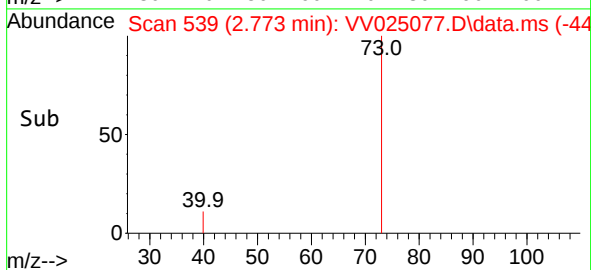
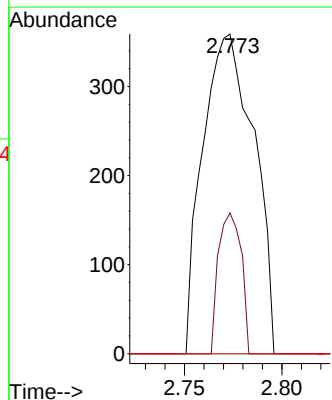
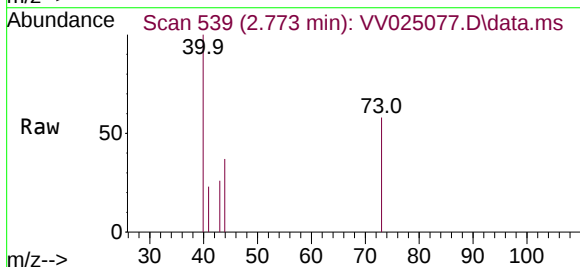
Tgt Ion: 73 Resp: 655

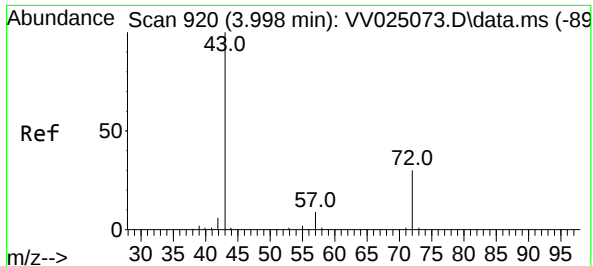
Ion Ratio Lower Upper

73 100

43 19.5 13.2 19.8

57 0.0 16.7 25.1#





#21

2-Butanone

Concen: 32.022 ug/L

RT: 4.082 min Scan# 941

Delta R.T. 0.084 min

Lab File: VV025077.D

Acq: 17 Mar 2022 13:04

Instrument :

MSVOA_V

ClientSampleId :

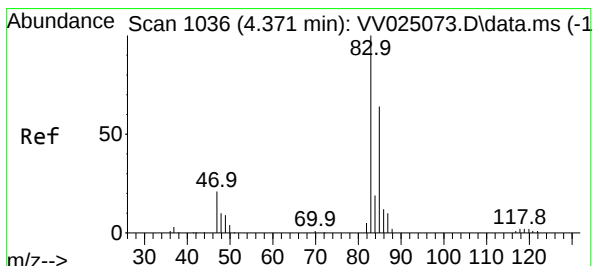
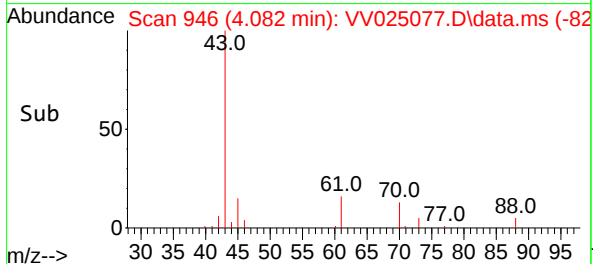
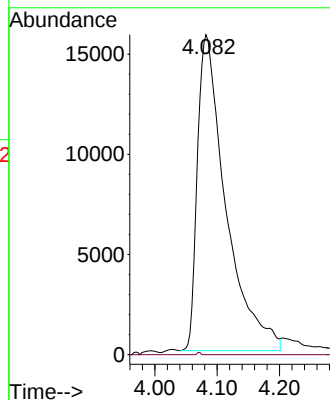
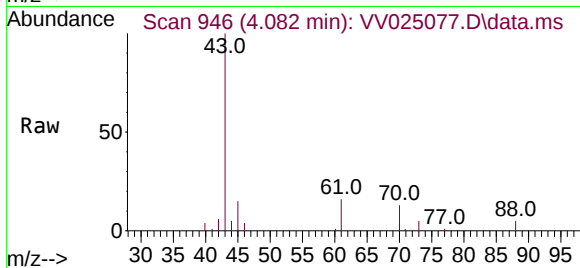
JNLG6

Tgt Ion: 43 Resp: 49950

Ion Ratio Lower Upper

43 100

72 0.1 10.4 31.2#



#25

Chloroform

Concen: 0.094 ug/L

RT: 4.387 min Scan# 1041

Delta R.T. 0.016 min

Lab File: VV025077.D

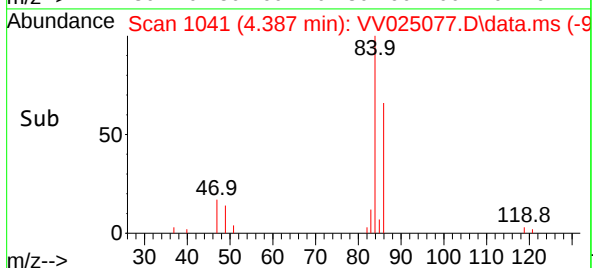
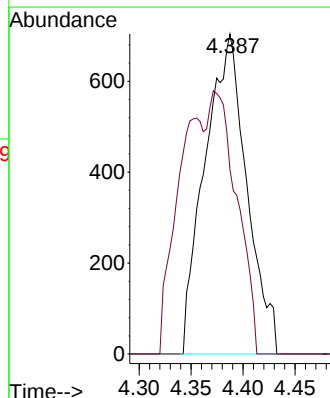
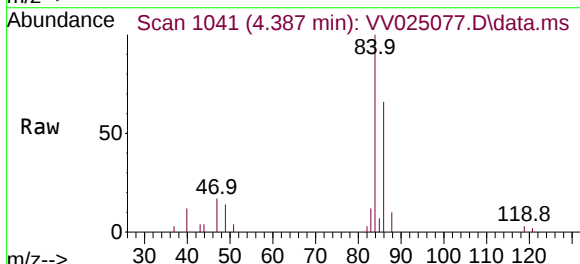
Acq: 17 Mar 2022 13:04

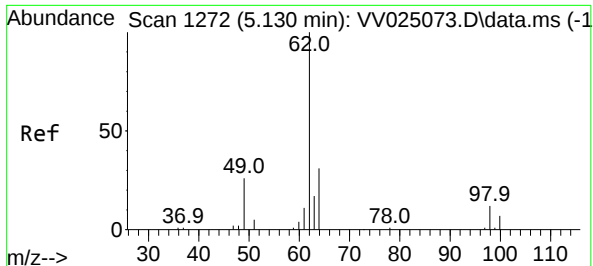
Tgt Ion: 83 Resp: 1974

Ion Ratio Lower Upper

83 100

85 57.7 44.5 82.7





#27

1,2-Dichloroethane

Concen: 0.087 ug/L

RT: 5.053 min Scan# 1

Delta R.T. -0.077 min

Lab File: VV025077.D

Acq: 17 Mar 2022 13:04

Instrument :

MSVOA_V

ClientSampleId :

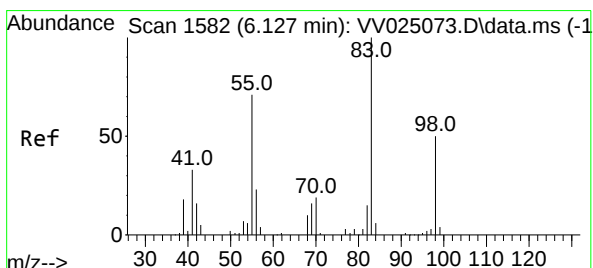
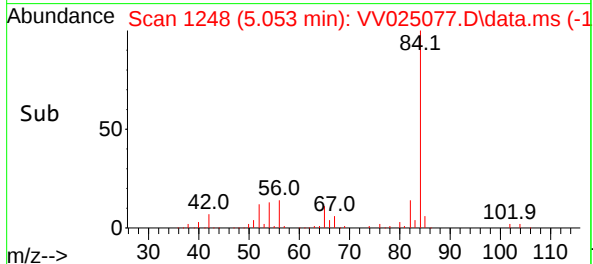
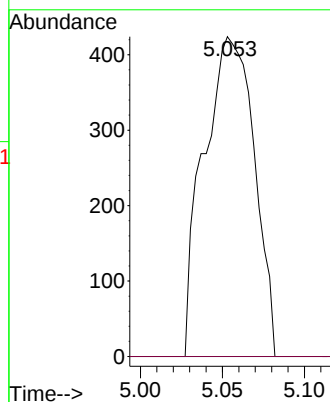
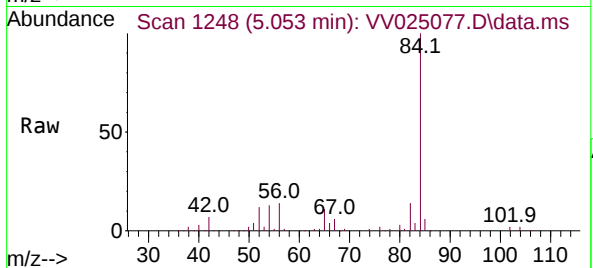
JNLG6

Tgt Ion: 62 Resp: 906

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#



#35

Methylcyclohexane

Concen: 0.699 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV025077.D

Acq: 17 Mar 2022 13:04

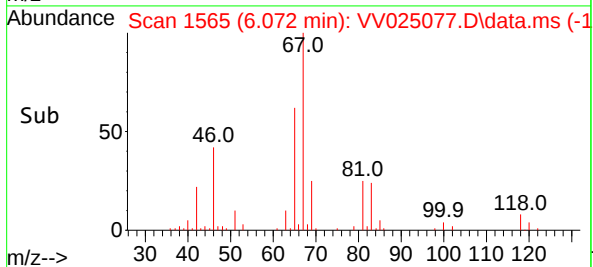
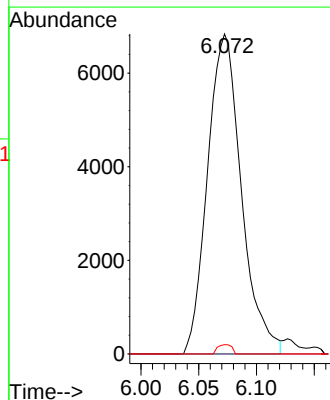
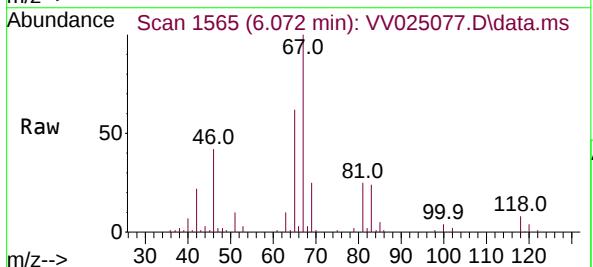
Tgt Ion: 83 Resp: 13938

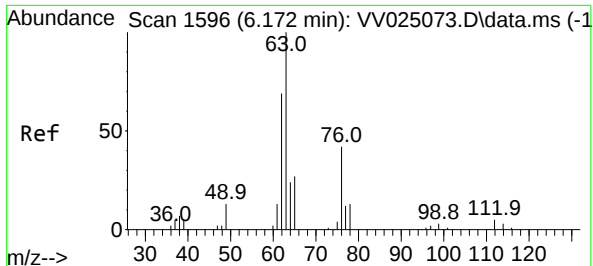
Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.0#

98 1.2 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.536 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV025077.D

Acq: 17 Mar 2022 13:04

Instrument :

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ClientSampleId :

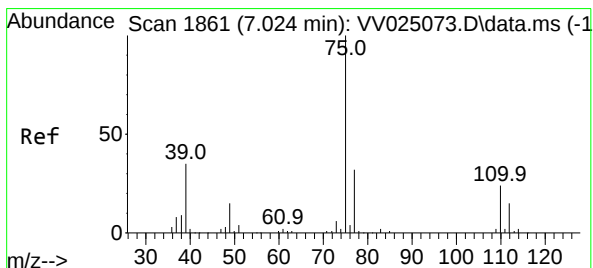
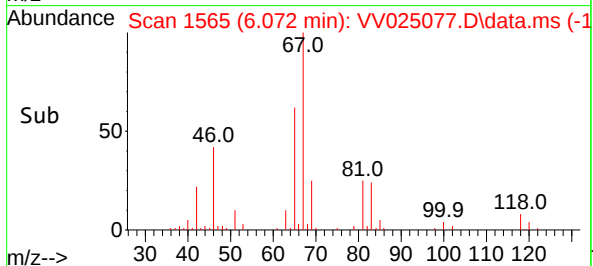
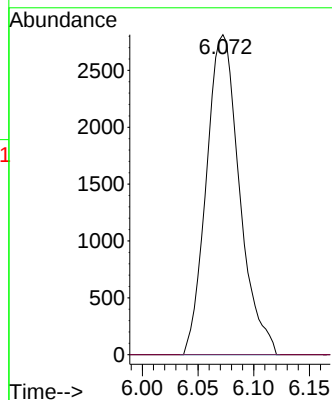
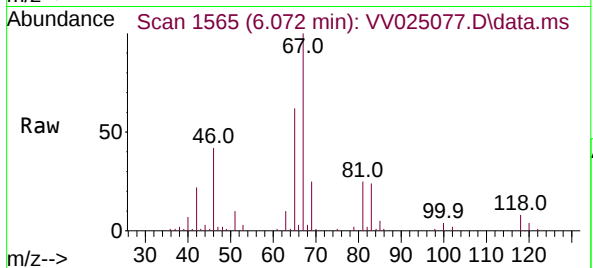
JNLG6

Tgt Ion: 63 Resp: 5829

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.029 min

Lab File: VV025077.D

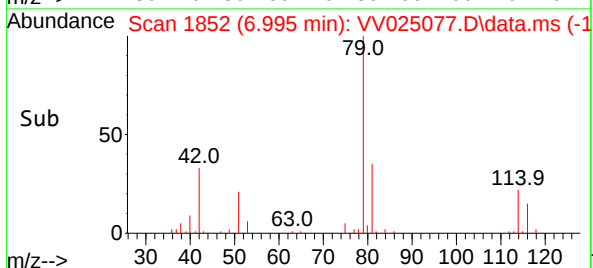
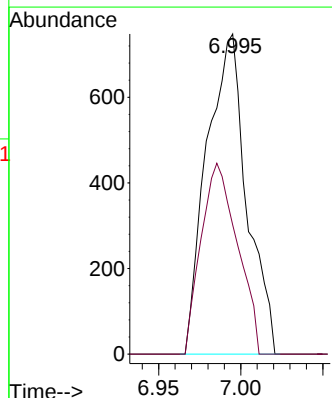
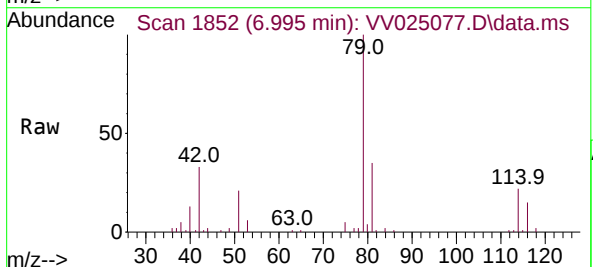
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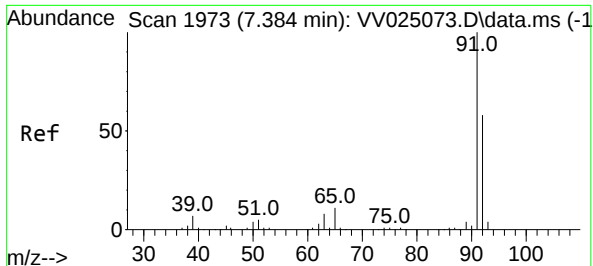
Tgt Ion: 75 Resp: 1263

Ion Ratio Lower Upper

75 100

77 40.4 23.0 42.8





#42

Toluene

Concen: 0.254 ug/L

RT: 7.397 min Scan# 1973

Delta R.T. 0.013 min

Lab File: VV025077.D

Acq: 17 Mar 2022 13:04

Instrument :

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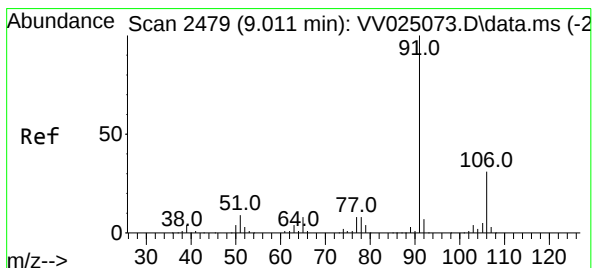
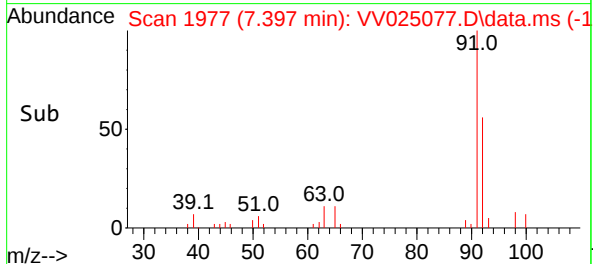
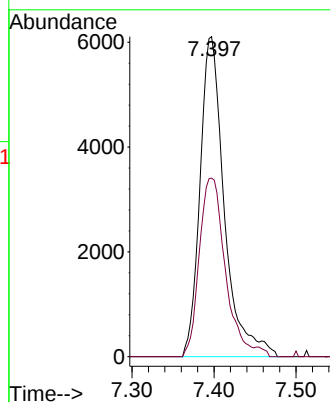
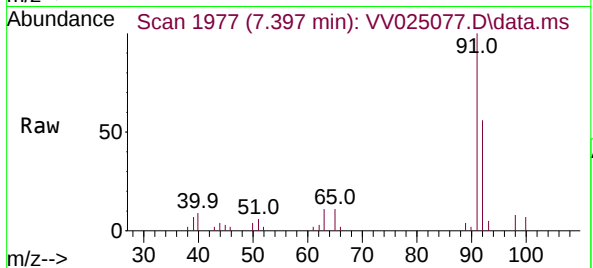
JNLG6

Tgt Ion: 91 Resp: 12569

Ion Ratio Lower Upper

91 100

92 55.8 41.2 76.4



#52

Ethylbenzene

Concen: 0.043 ug/L

RT: 9.021 min Scan# 2482

Delta R.T. 0.010 min

Lab File: VV025077.D

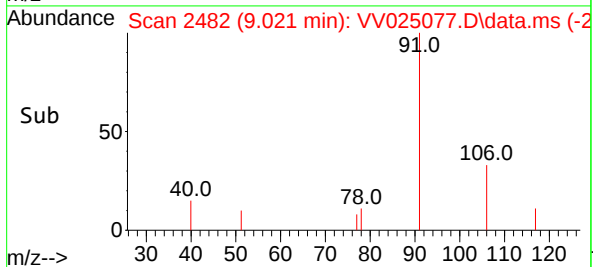
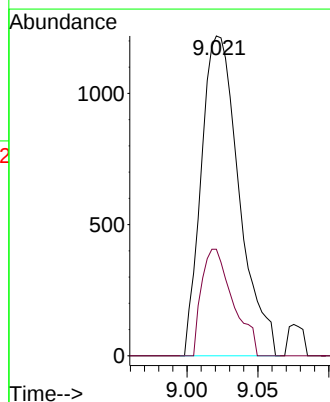
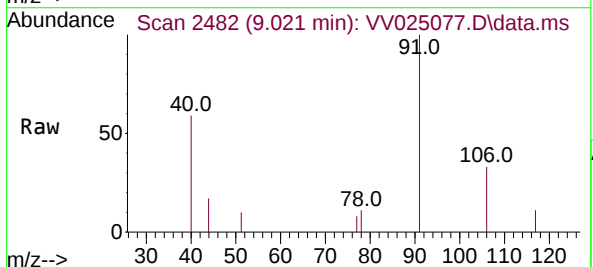
Acq: 17 Mar 2022 13:04

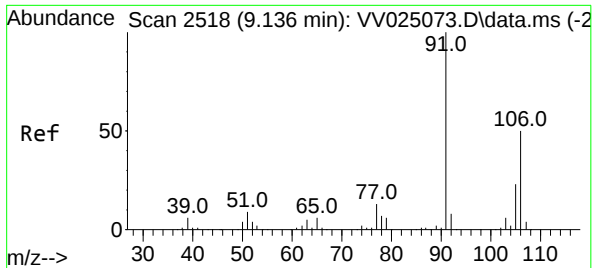
Tgt Ion: 91 Resp: 2260

Ion Ratio Lower Upper

91 100

106 33.3 21.9 40.7

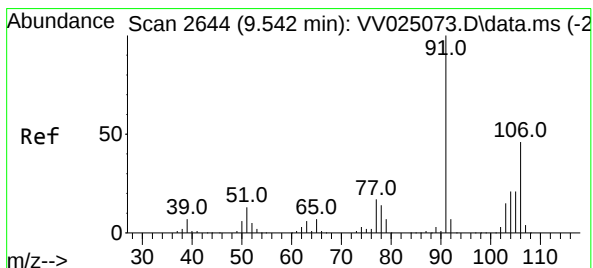
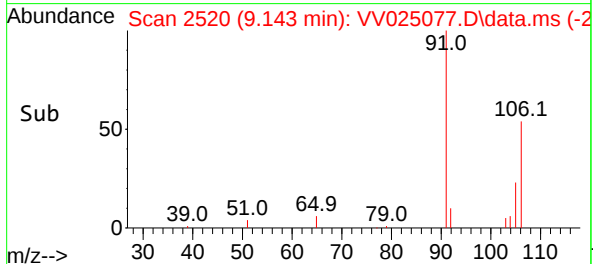
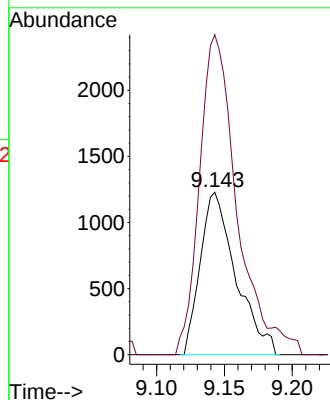
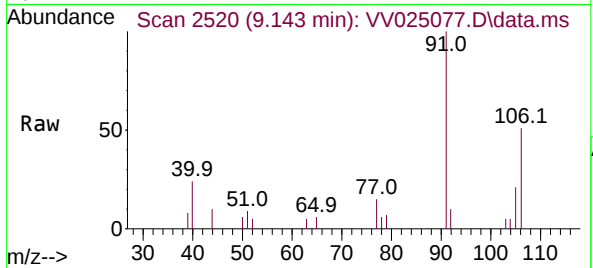




#53
m,p-xylene
Concen: 0.111 ug/L
RT: 9.143 min Scan# 2518
Delta R.T. 0.006 min
Lab File: VV025077.D
Acq: 17 Mar 2022 13:04

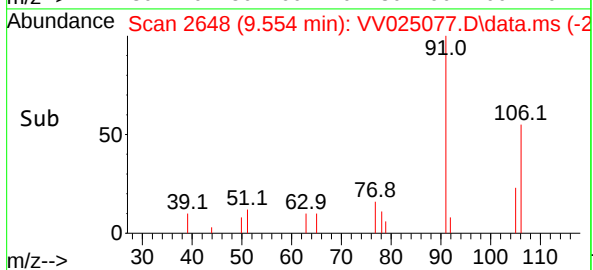
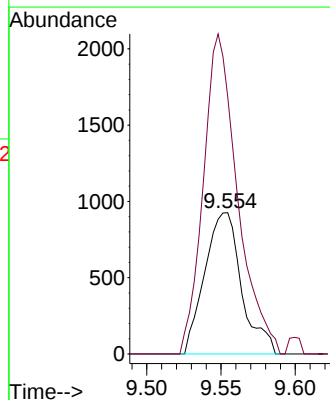
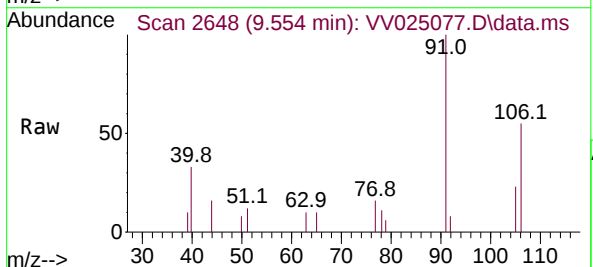
Instrument :
MSVOA_V
ClientSampleId :
JNLG6

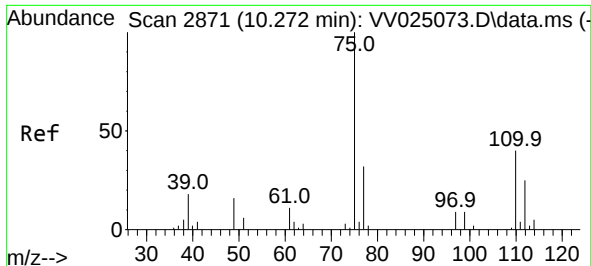
Tgt Ion:106 Resp: 2247
Ion Ratio Lower Upper
106 100
91 197.0 143.4 266.4



#54
o-xylene
Concen: 0.083 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. 0.013 min
Lab File: VV025077.D
Acq: 17 Mar 2022 13:04

Tgt Ion:106 Resp: 1599
Ion Ratio Lower Upper
106 100
91 182.3 146.7 272.5

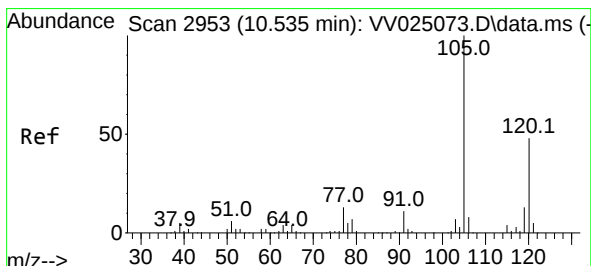
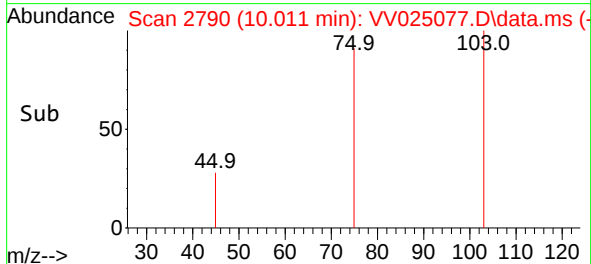
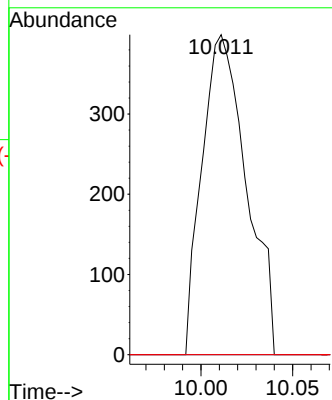
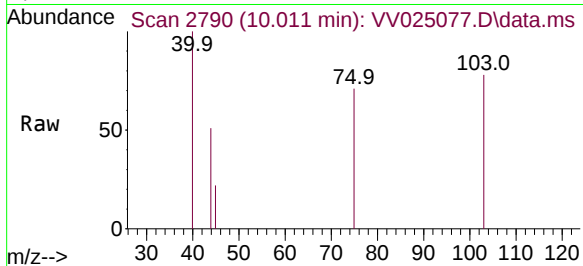




#61
 1,2,3-Trichloropropane
 Concen: 0.128 ug/L
 RT: 10.011 min Scan# 21
 Delta R.T. -0.261 min
 Lab File: VV025077.D
 Acq: 17 Mar 2022 13:04

Instrument :
 MSVOA_V
 ClientSampleId :
 JNLG6

Tgt Ion: 75 Resp: 674
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 110 0.0 31.2 46.8#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.070 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.379 min
 Lab File: VV025077.D
 Acq: 17 Mar 2022 13:04

Tgt Ion: 105 Resp: 1496
 Ion Ratio Lower Upper
 105 100
 120 41.1 38.5 57.7

