

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050322\
 Data File : VW025807.D
 Acq On : 03 May 2022 20:47
 Operator : SY/MD
 Sample : N2625-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 04 05:10:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 04 05:06:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	156513	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	160883	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69529	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	78234	4.560	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.571	69	72109	4.779	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.111	63	113025	3.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	3.902	46	118518	50.481	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.960%
24) Chloroform-d	4.352	84	121107	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.037	65	59045	5.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.053	84	244558	4.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.069	67	77083	5.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.317	98	202678	4.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.625	79	21459	4.461	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.088	63	97144	51.819	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.640%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	47141	4.914	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	65405	5.363	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	843	0.039	ug/L #	73
14) Carbon disulfide	2.297	76	3255	0.083	ug/L	98
15) Methyl Acetate	2.436	43	2132	0.576	ug/L #	43
21) 2-Butanone	4.024	43	3683	1.781	ug/L	92
25) Chloroform	4.378	83	4849	0.196	ug/L	89
30) Cyclohexane	4.677	56	1411	0.072	ug/L #	79
33) Benzene	5.108	78	9507	0.176	ug/L	100
35) Methylcyclohexane	6.130	83	2101	0.096	ug/L #	91
37) 1,2-Dichloropropane	6.069	63	9082	0.693	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1572	0.098	ug/L #	57
42) Toluene	7.397	91	13079	0.228	ug/L	98
49) Dibromochloromethane	7.976	129	223	0.024	ug/L #	11
52) Ethylbenzene	9.021	91	5363	0.090	ug/L	95
53) m,p-Xylene	9.143	106	1717	0.074	ug/L	65
61) 1,2,3-Trichloropropane	10.011	75	1029	0.185	ug/L #	37
62) 1,3,5-Trimethylbenzene	10.921	105	1316	0.065	ug/L	90

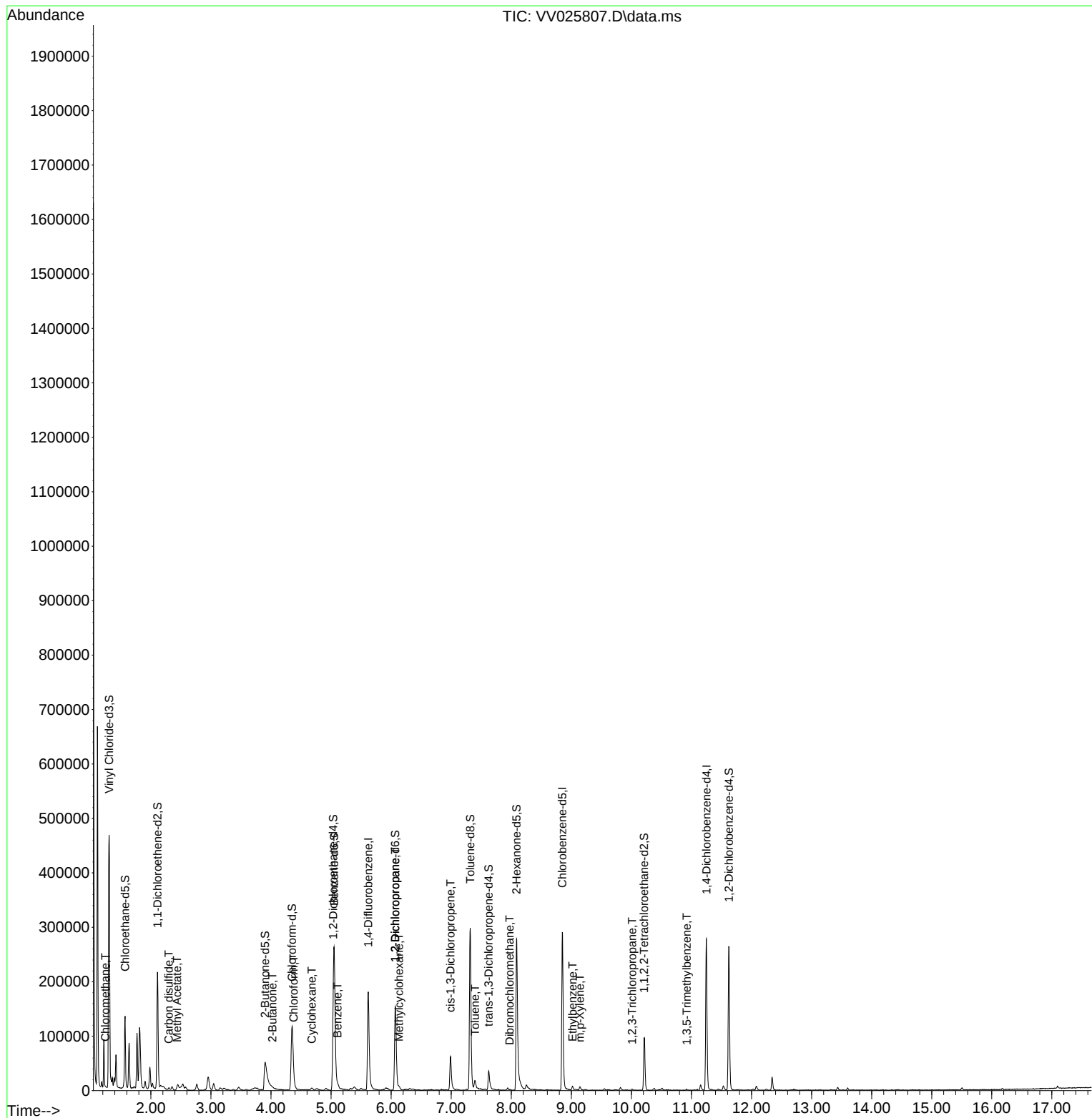
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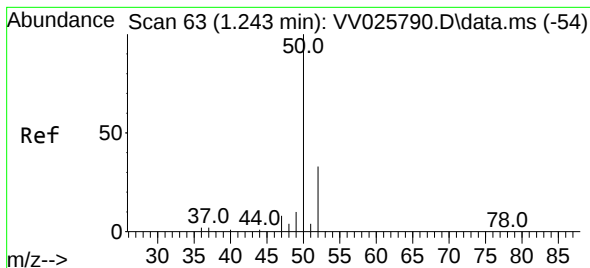
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
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Quant Time: May 04 05:10:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 04 05:06:02 2022
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.039 ug/L

RT: 1.243 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV025807.D

Acq: 03 May 2022 20:47

Instrument :

MSVOA_V

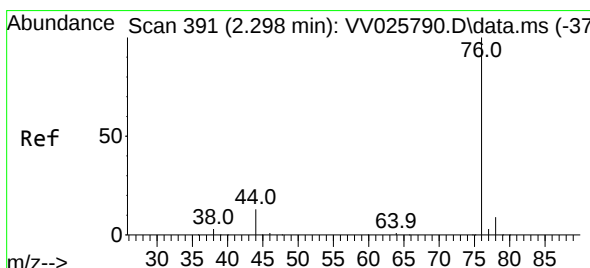
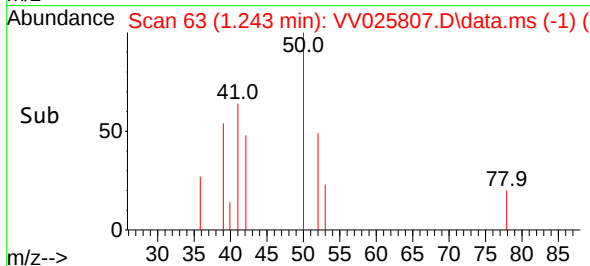
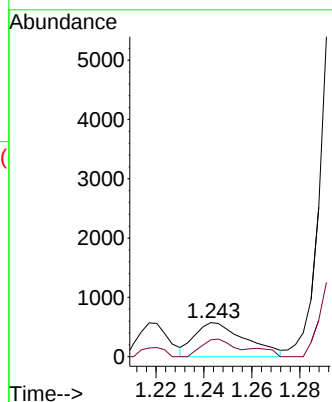
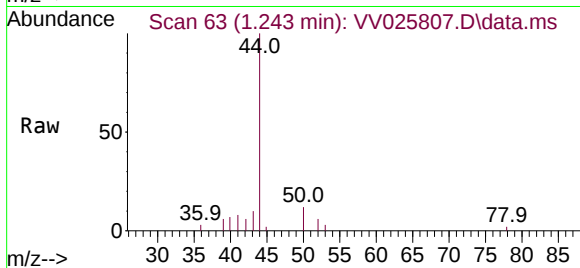
ClientSampleId :

Tgt Ion: 50 Resp: 843

Ion Ratio Lower Upper

50 100

52 49.1 23.7 43.9#



#14

Carbon disulfide

Concen: 0.083 ug/L

RT: 2.297 min Scan# 391

Delta R.T. -0.000 min

Lab File: VV025807.D

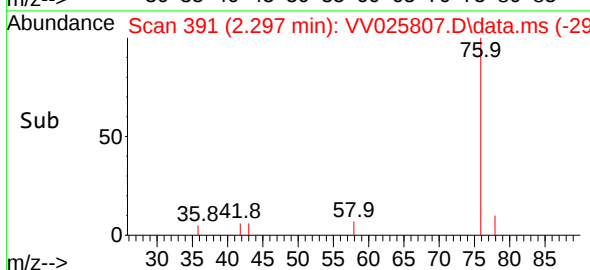
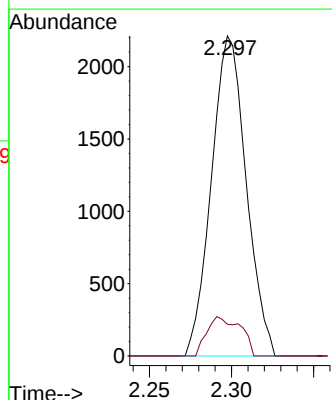
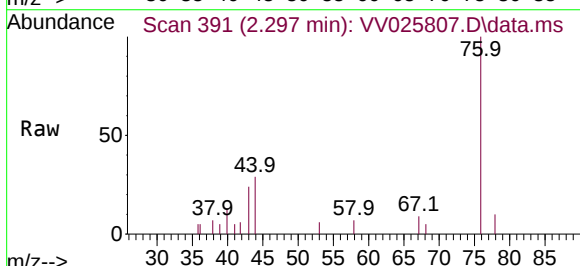
Acq: 03 May 2022 20:47

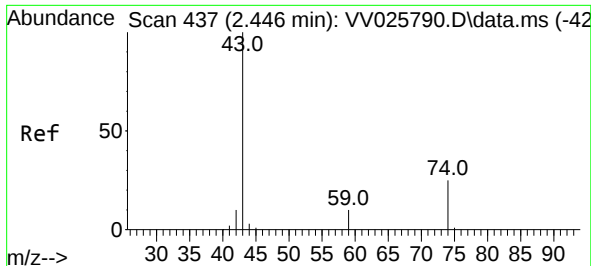
Tgt Ion: 76 Resp: 3255

Ion Ratio Lower Upper

76 100

78 9.9 7.3 10.9





#15

Methyl Acetate

Concen: 0.576 ug/L

RT: 2.436 min Scan# 41

Delta R.T. -0.010 min

Lab File: VV025807.D

Acq: 03 May 2022 20:47

Instrument :

MSVOA_V

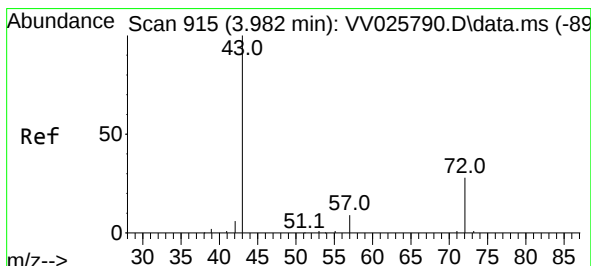
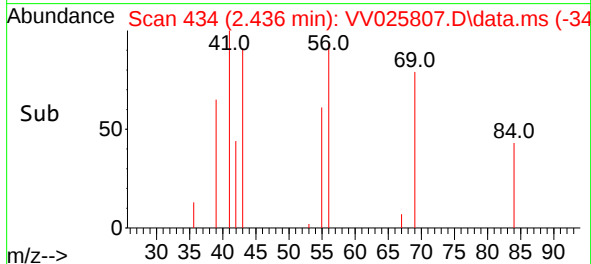
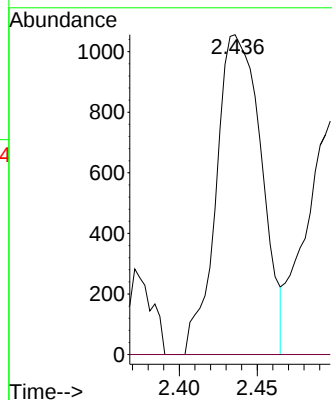
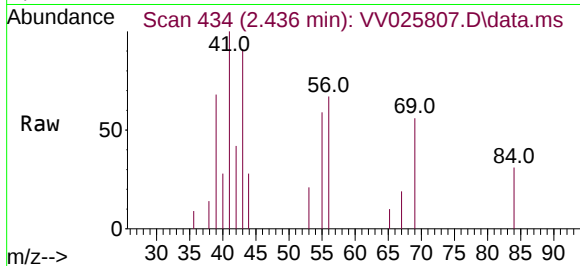
ClientSampleId :

Tgt Ion: 43 Resp: 2132

Ion Ratio Lower Upper

43 100

74 0.0 25.2 37.8#



#21

2-Butanone

Concen: 1.781 ug/L

RT: 4.024 min Scan# 928

Delta R.T. 0.042 min

Lab File: VV025807.D

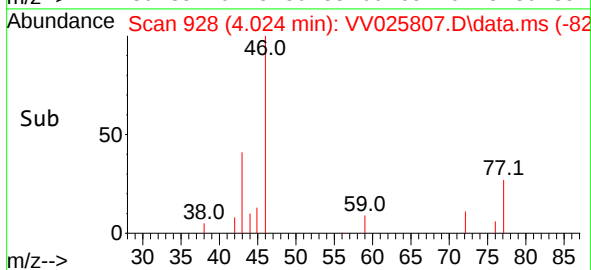
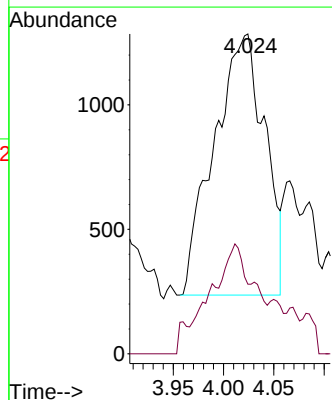
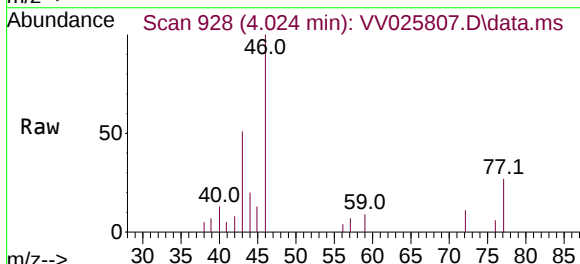
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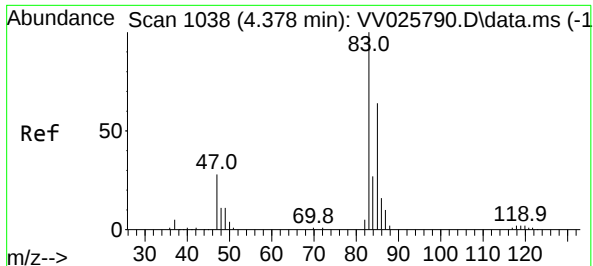
Tgt Ion: 43 Resp: 3683

Ion Ratio Lower Upper

43 100

72 26.1 15.2 45.6

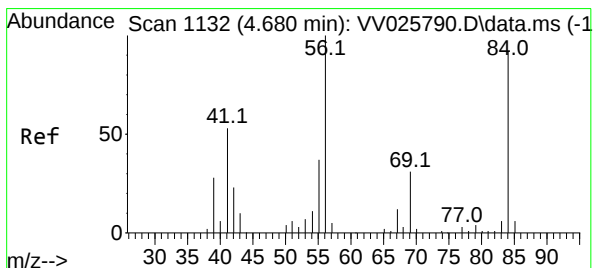
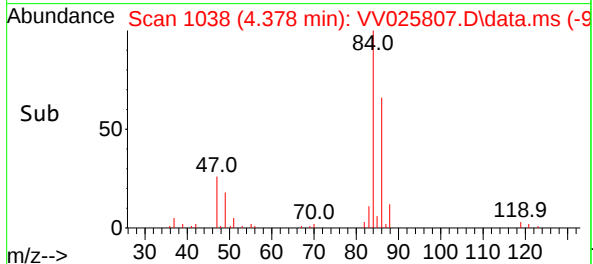
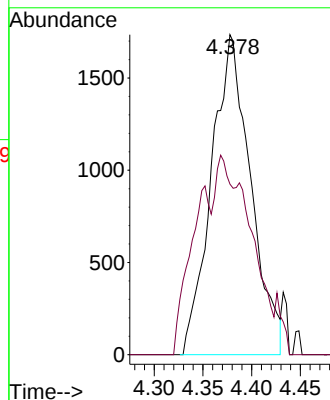
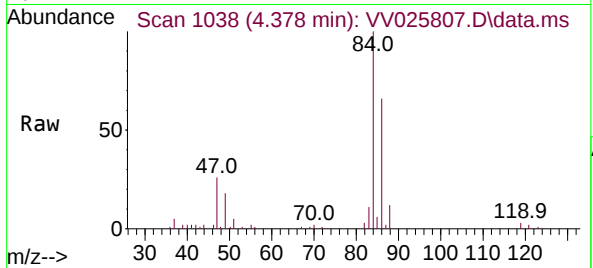




#25
Chloroform
Concen: 0.196 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV025807.D
Acq: 03 May 2022 20:47

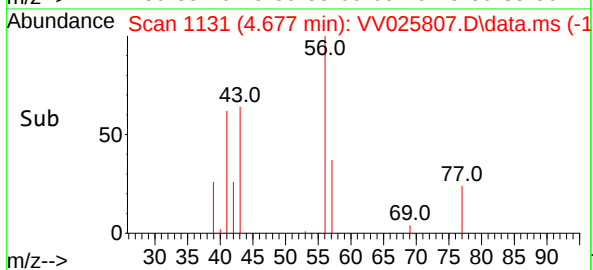
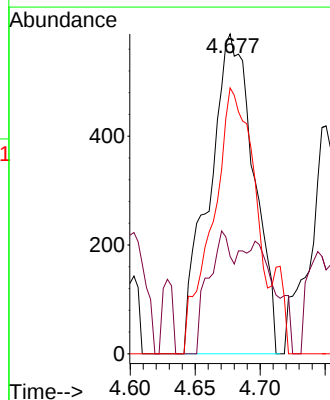
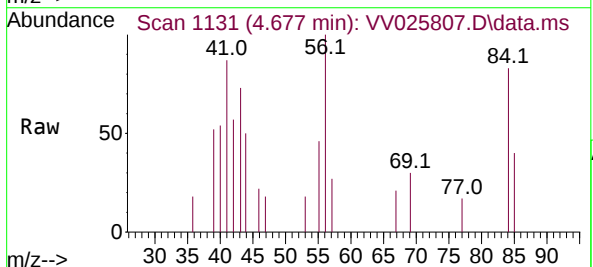
Instrument :
MSVOA_V
ClientSampleId :

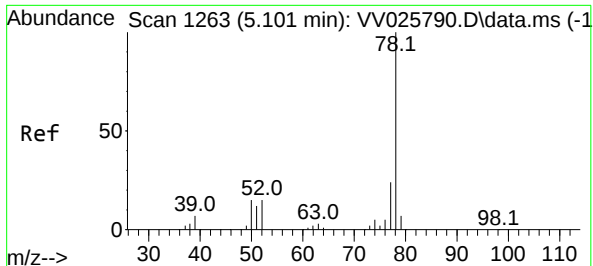
Tgt Ion: 83 Resp: 4849
Ion Ratio Lower Upper
83 100
85 53.3 43.5 80.7



#30
Cyclohexane
Concen: 0.072 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VV025807.D
Acq: 03 May 2022 20:47

Tgt Ion: 56 Resp: 1411
Ion Ratio Lower Upper
56 100
69 20.8 26.1 39.1#
84 77.5 78.6 118.0#

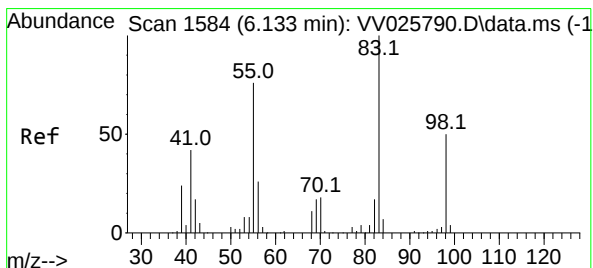
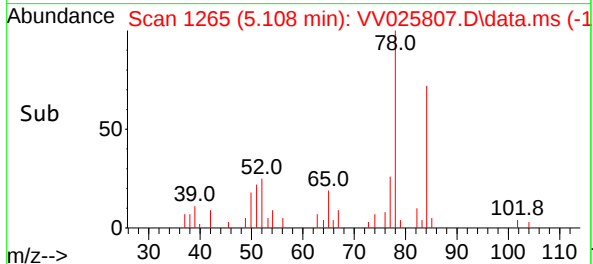
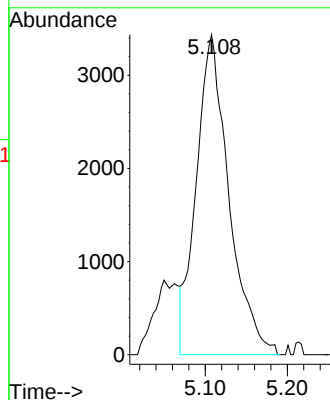
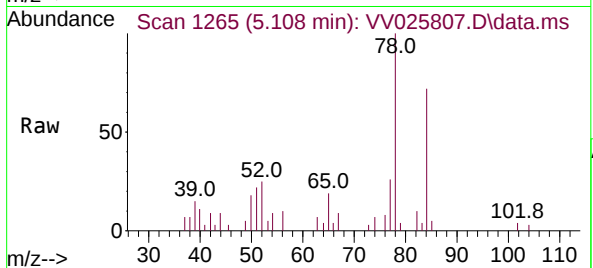




#33
Benzene
Concen: 0.176 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV025807.D
Acq: 03 May 2022 20:47

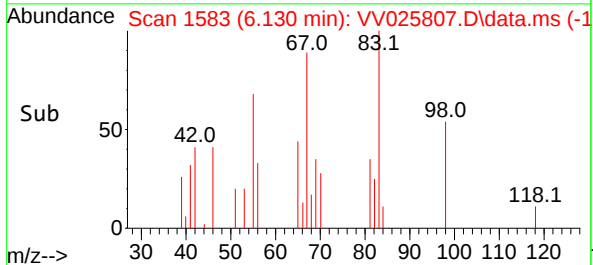
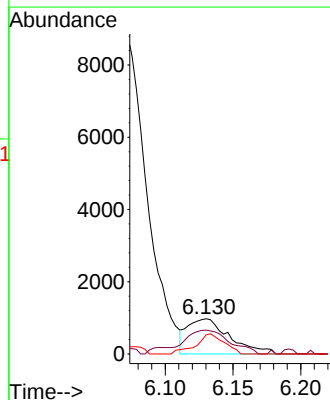
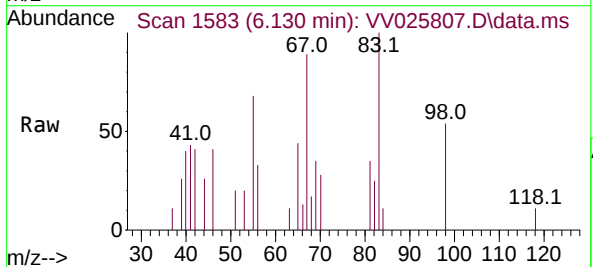
Instrument :
MSVOA_V
ClientSampleId :

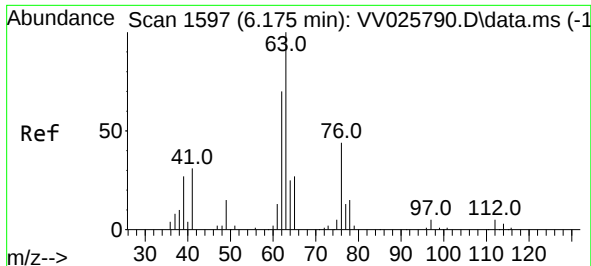
Tgt Ion: 78 Resp: 9507



#35
Methylcyclohexane
Concen: 0.096 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV025807.D
Acq: 03 May 2022 20:47

Tgt Ion: 83 Resp: 2101
Ion Ratio Lower Upper
83 100
55 69.9 53.7 80.5
98 38.1 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.693 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV025807.D

Acq: 03 May 2022 20:47

Instrument :

MSVOA_V

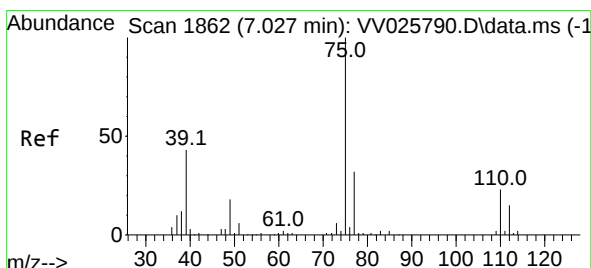
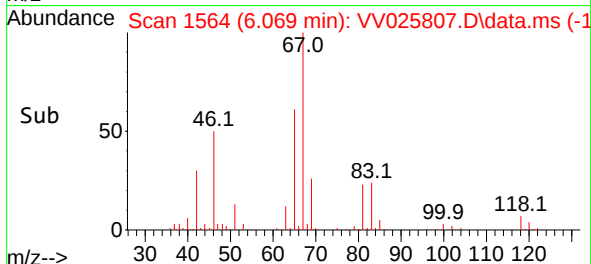
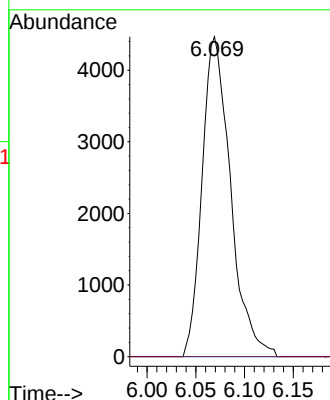
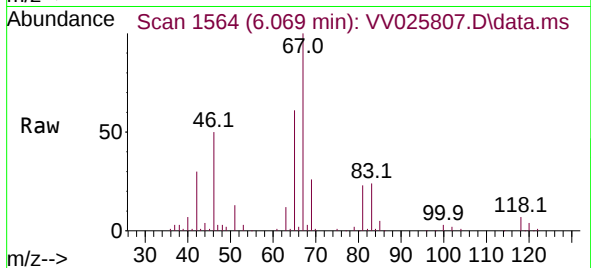
ClientSampleId :

Tgt Ion: 63 Resp: 9082

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV025807.D

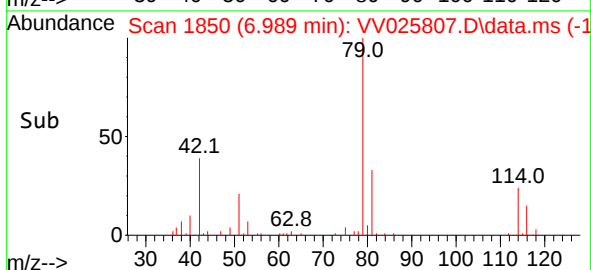
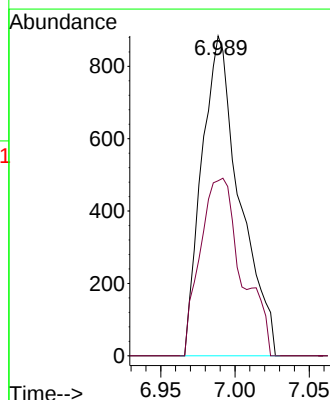
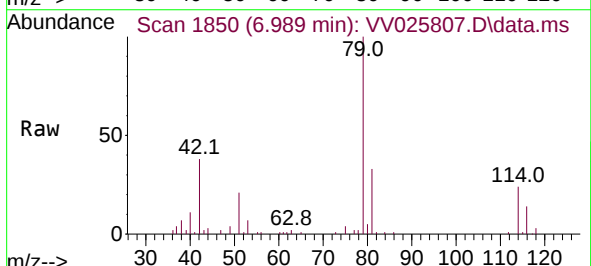
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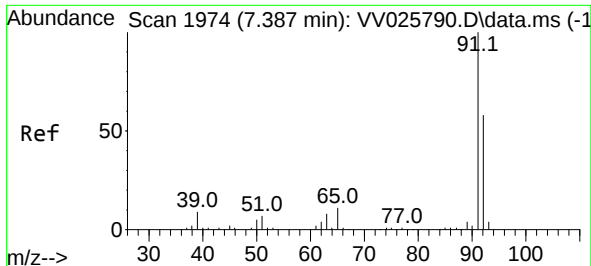
Tgt Ion: 75 Resp: 1572

Ion Ratio Lower Upper

75 100

77 54.8 21.8 40.6#





#42

Toluene

Concen: 0.228 ug/L

RT: 7.397 min Scan# 1974

Delta R.T. 0.010 min

Lab File: VV025807.D

Acq: 03 May 2022 20:47

Instrument :

MSVOA_V

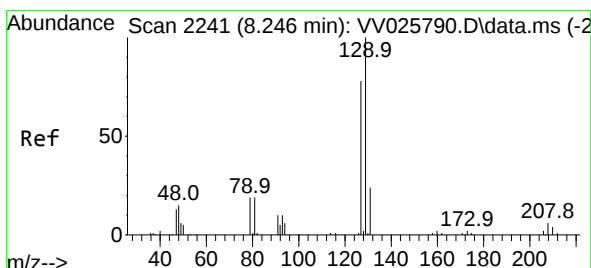
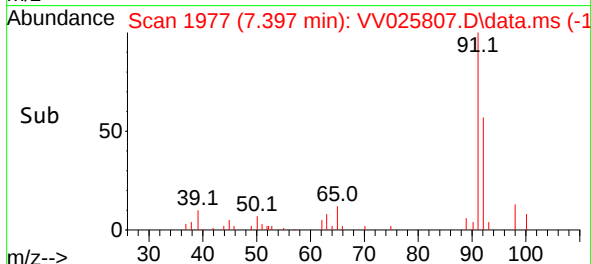
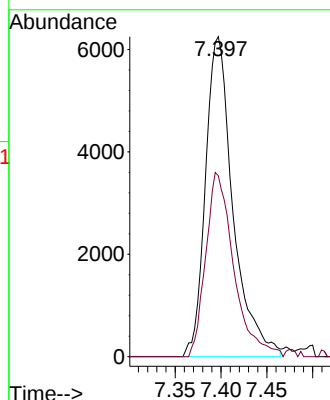
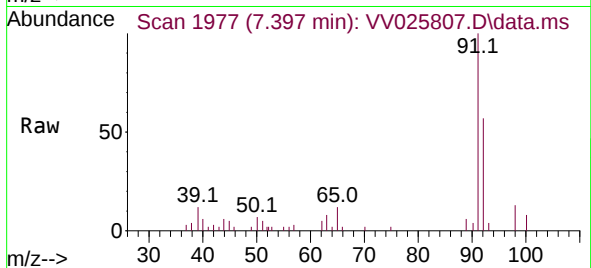
ClientSampleId :

Tgt Ion: 91 Resp: 13079

Ion Ratio Lower Upper

91 100

92 56.5 40.8 75.8



#49

Dibromochloromethane

Concen: 0.024 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV025807.D

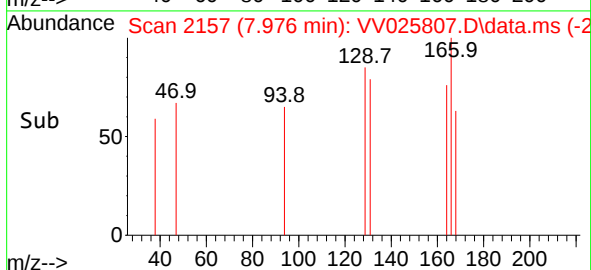
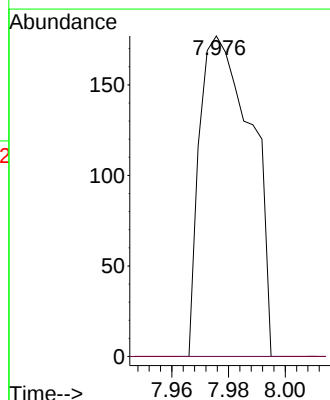
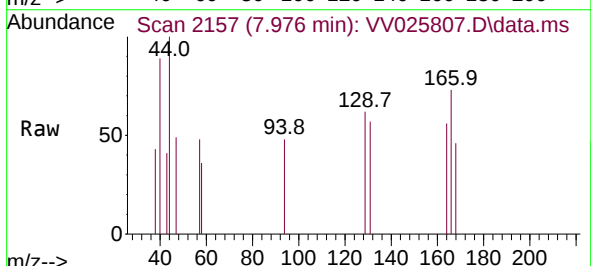
Acq: 03 May 2022 20:47

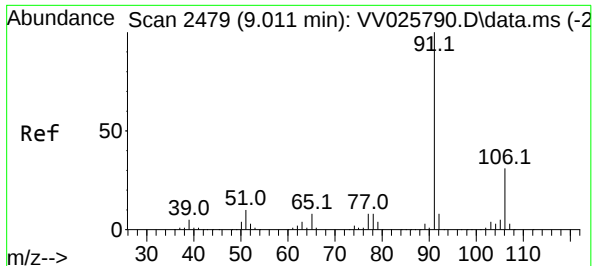
Tgt Ion: 129 Resp: 223

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#





#52

Ethylbenzene

Concen: 0.090 ug/L

RT: 9.021 min Scan# 24

Delta R.T. 0.010 min

Lab File: VV025807.D

Acq: 03 May 2022 20:47

Instrument :

MSVOA_V

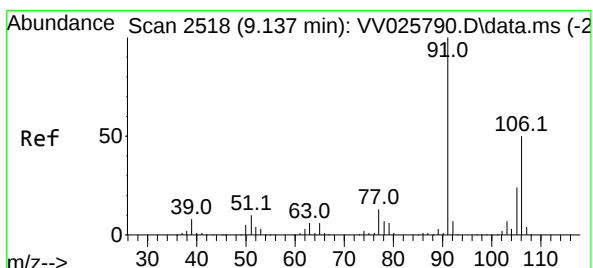
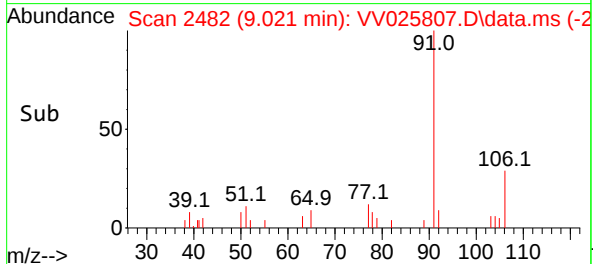
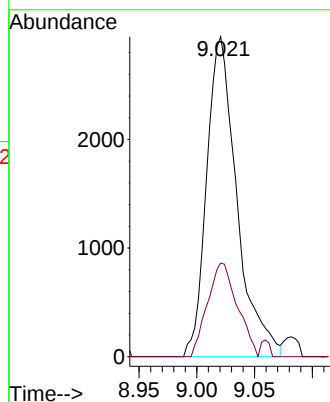
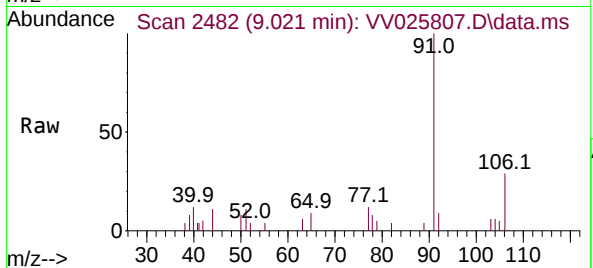
ClientSampleId :

Tgt Ion: 91 Resp: 5363

Ion Ratio Lower Upper

91 100

106 29.3 22.3 41.3



#53

m,p-Xylene

Concen: 0.074 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.006 min

Lab File: VV025807.D

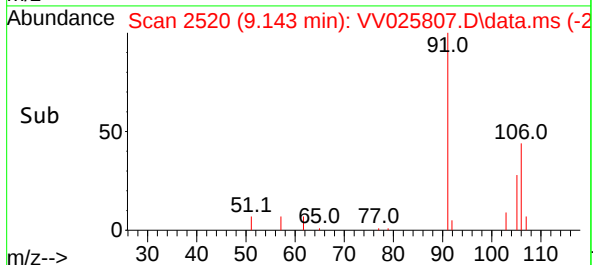
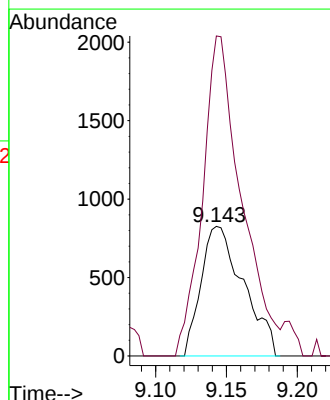
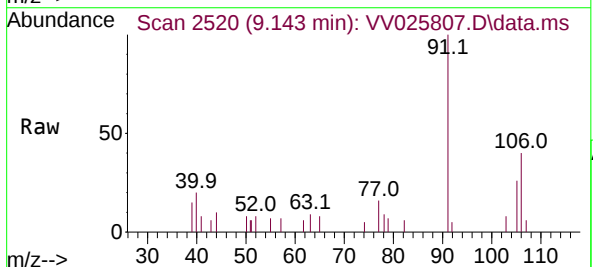
Acq: 03 May 2022 20:47

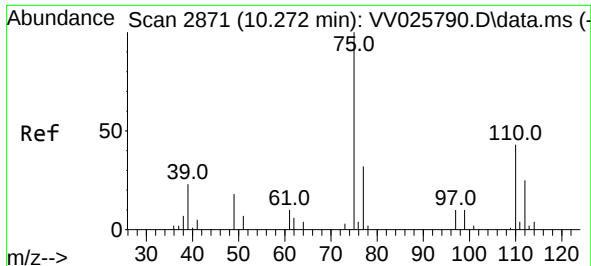
Tgt Ion:106 Resp: 1717

Ion Ratio Lower Upper

106 100

91 247.0 136.4 253.4

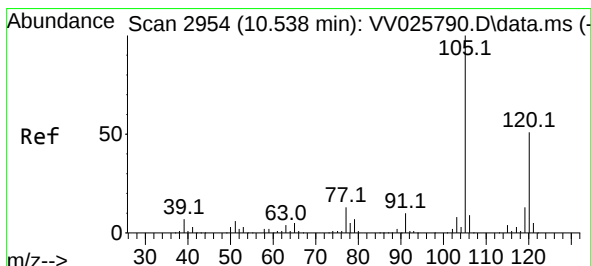
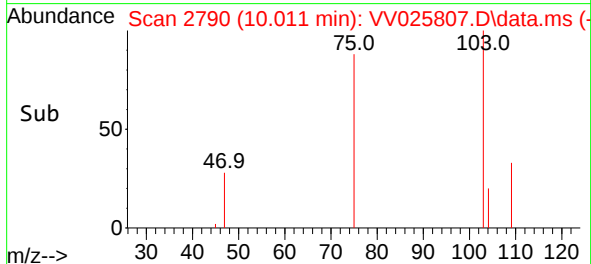
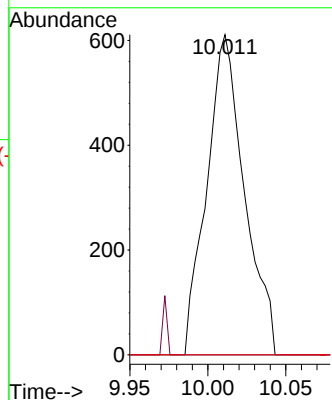
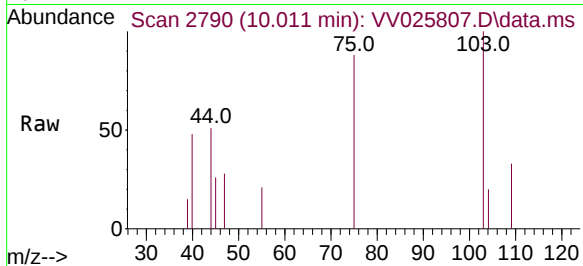




#61
 1,2,3-Trichloropropane
 Concen: 0.185 ug/L
 RT: 10.011 min Scan# 21
 Delta R.T. -0.261 min
 Lab File: VV025807.D
 Acq: 03 May 2022 20:47

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 1029
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.6 38.4#
 110 0.0 34.7 52.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.065 ug/L
 RT: 10.921 min Scan# 3073
 Delta R.T. 0.383 min
 Lab File: VV025807.D
 Acq: 03 May 2022 20:47

Tgt Ion: 105 Resp: 1316
 Ion Ratio Lower Upper
 105 100
 120 42.5 39.6 59.4

