

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061822\
 Data File : VW026427.D
 Acq On : 18 Jun 2022 17:00
 Operator : SY/MD
 Sample : N3256-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK4

Quant Time: Jun 20 01:30:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 20 01:25:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	281583	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	256658	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	110804	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	89830	3.673	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.400%
7) Chloroethane-d5	1.587	69	77803	4.046	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.124	63	129775	3.090	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.800%
20) 2-Butanone-d5	3.928	46	110994	46.510	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.020%
24) Chloroform-d	4.365	84	178143	4.970	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.047	65	70226	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.063	84	368745	5.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%
36) 1,2-Dichloropropane-d6	6.079	67	103509	5.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.320	98	319602	5.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
43) trans-1,3-Dichloroprop...	7.629	79	23755	3.658	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.200%
46) 2-Hexanone-d5	8.092	63	94478	48.163	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.320%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	60012	4.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	98735	5.785	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.259	50	1716	0.073	ug/L	94
6) Bromomethane	1.545	94	633	0.047	ug/L	91
8) Chloroethane	1.545	64	123365	8.176	ug/L #	49
14) Carbon disulfide	2.314	76	9817	0.224	ug/L	99
25) Chloroform	4.391	83	61608	1.726	ug/L	100
35) Methylcyclohexane	6.079	83	25478	1.025	ug/L #	19
37) 1,2-Dichloropropane	6.076	63	10788	0.627	ug/L #	88
38) Bromodichloromethane	6.535	83	832	0.040	ug/L #	61
39) cis-1,3-Dichloropropene	6.992	75	1860	0.095	ug/L #	51
42) Toluene	7.397	91	19023	0.275	ug/L	100
52) Ethylbenzene	9.018	91	20875	0.301	ug/L	99
53) m,p-Xylene	9.140	106	27016	0.999	ug/L	96
54) o-Xylene	9.548	106	8172	0.312	ug/L	91
61) 1,2,3-Trichloropropane	11.249	75	12074	1.679	ug/L #	67
62) 1,3,5-Trimethylbenzene	10.542	105	5806	0.124	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	23120	0.498	ug/L	98
71) Naphthalene	13.503	128	36515	1.699	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
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Instrument :
MSVOA_V
ClientSampleId :
C0AK4

Quant Time: Jun 20 01:30:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 20 01:25:22 2022
Response via : Initial Calibration

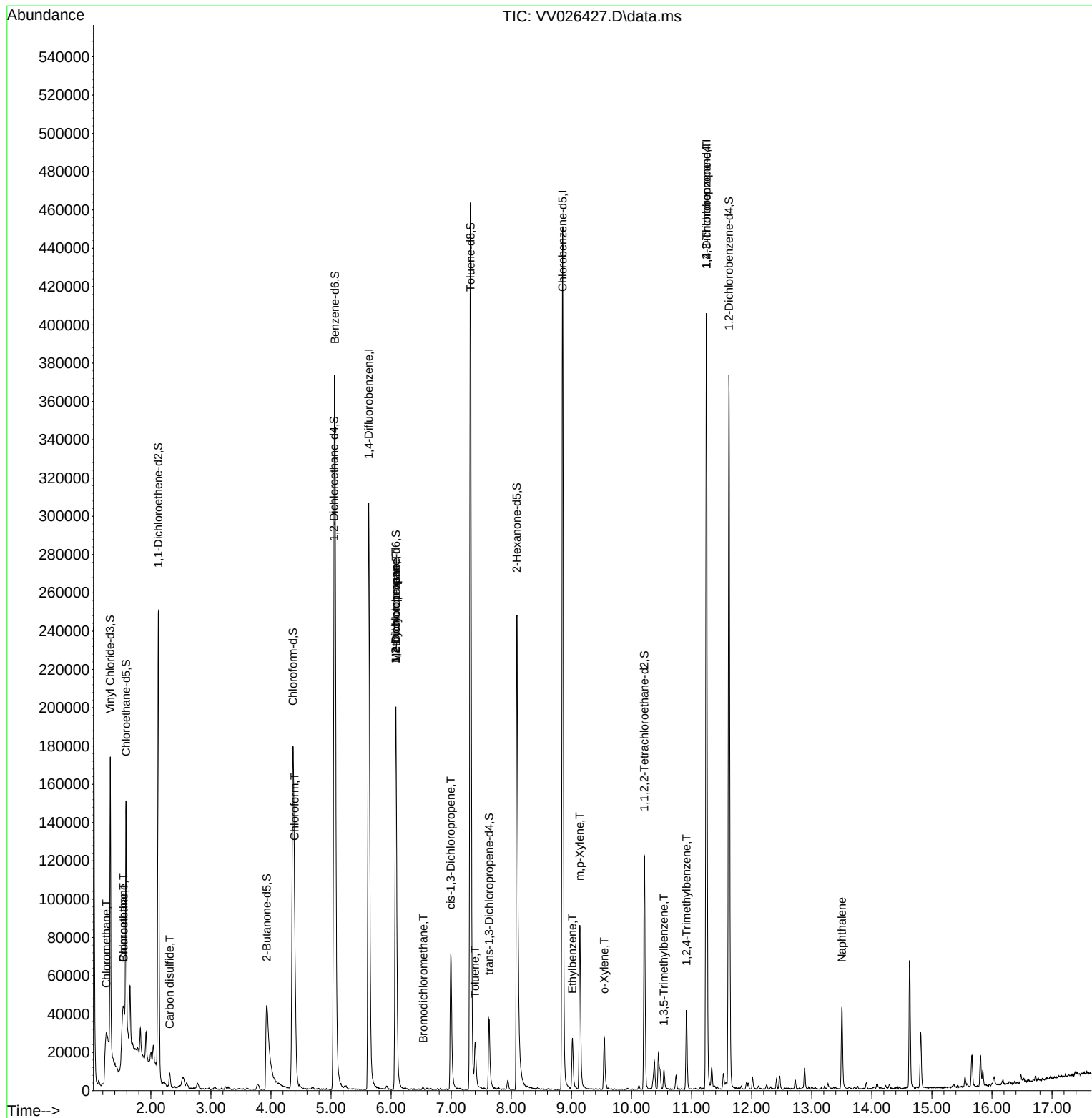
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

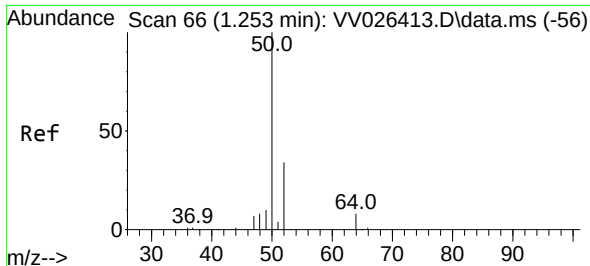
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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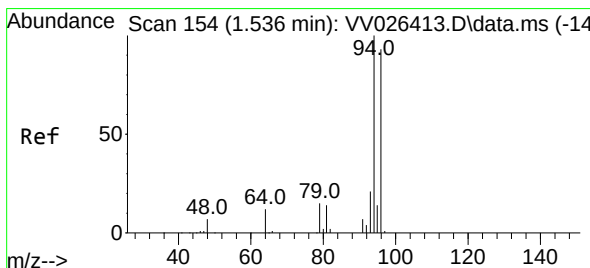
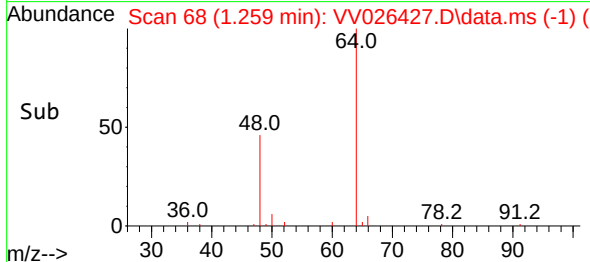
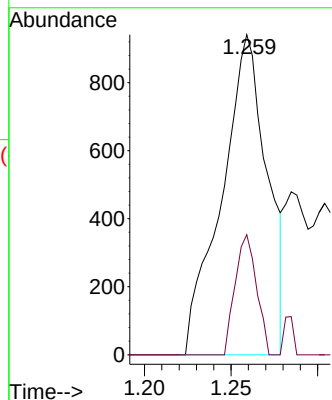
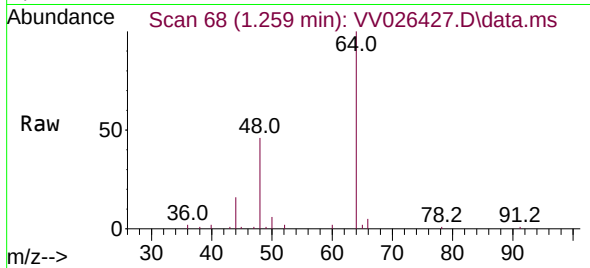




#3
Chloromethane
Concen: 0.073 ug/L
RT: 1.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV026427.D
Acq: 18 Jun 2022 17:00

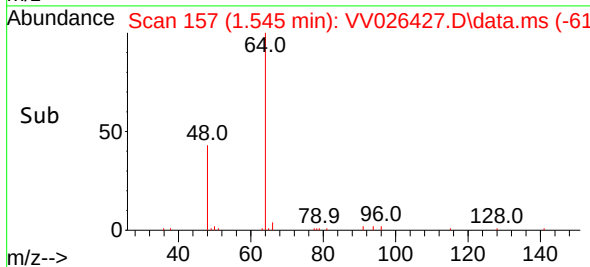
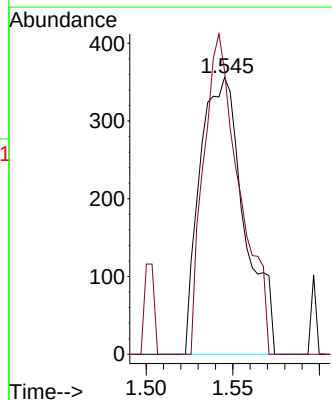
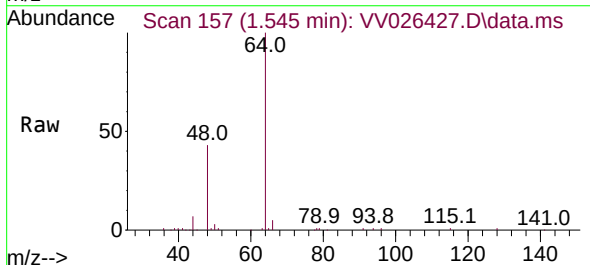
Instrument :
MSVOA_V
ClientSampleId :
C0AK4

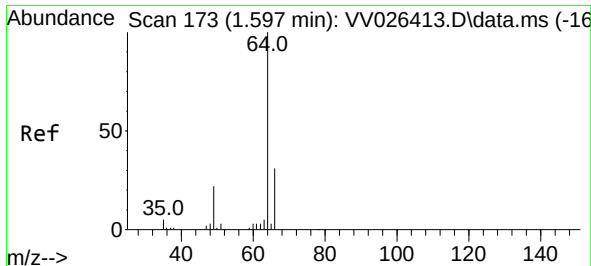
Tgt Ion: 50 Resp: 1716
Ion Ratio Lower Upper
50 100
52 37.5 23.7 44.1



#6
Bromomethane
Concen: 0.047 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.010 min
Lab File: VV026427.D
Acq: 18 Jun 2022 17:00

Tgt Ion: 94 Resp: 633
Ion Ratio Lower Upper
94 100
96 102.5 65.7 121.9

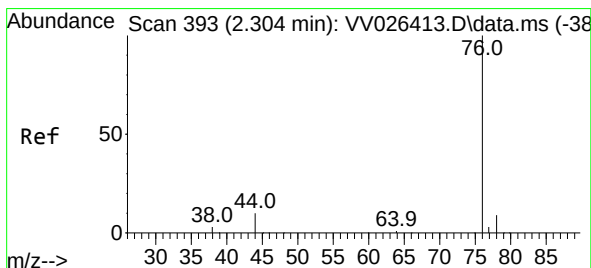
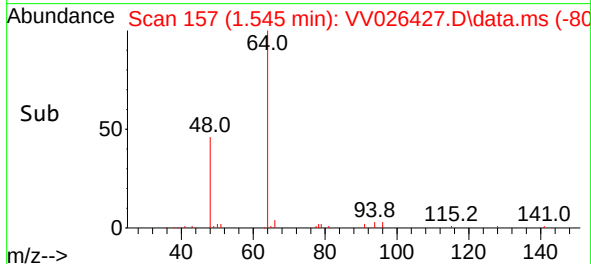
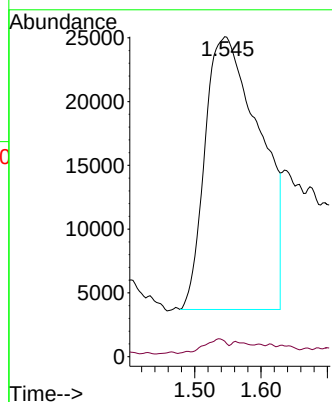
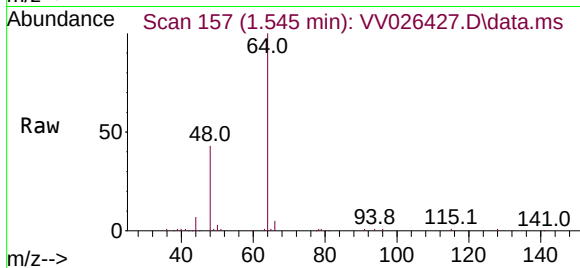




#8
Chloroethane
Concen: 8.176 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.052 min
Lab File: VV026427.D
Acq: 18 Jun 2022 17:00

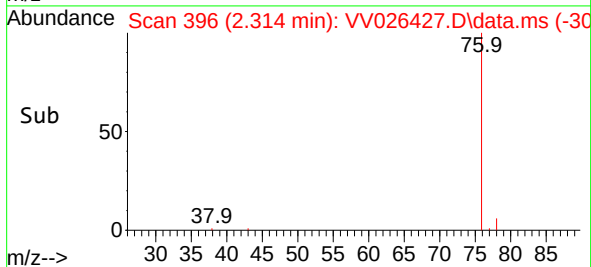
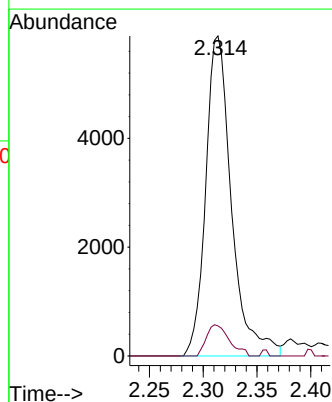
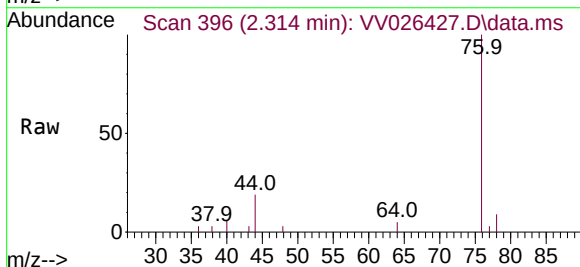
Instrument :
MSVOA_V
ClientSampleId :
C0AK4

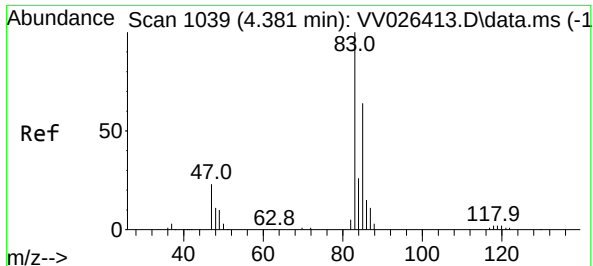
Tgt Ion: 64 Resp: 123365
Ion Ratio Lower Upper
64 100
66 4.8 24.1 44.7#



#14
Carbon disulfide
Concen: 0.224 ug/L
RT: 2.314 min Scan# 396
Delta R.T. 0.010 min
Lab File: VV026427.D
Acq: 18 Jun 2022 17:00

Tgt Ion: 76 Resp: 9817
Ion Ratio Lower Upper
76 100
78 9.4 7.7 11.5





#25

Chloroform

Concen: 1.726 ug/L

RT: 4.391 min Scan# 1042

Delta R.T. 0.010 min

Lab File: VV026427.D

Acq: 18 Jun 2022 17:00

Instrument :

MSVOA_V

ClientSampleId :

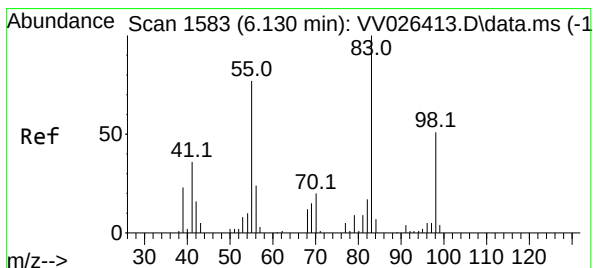
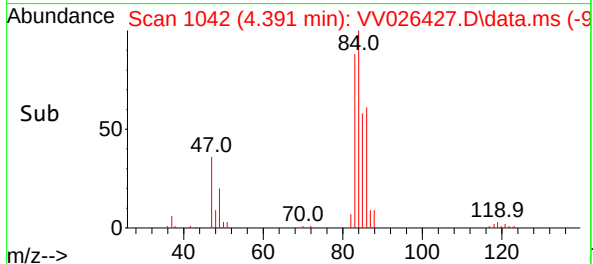
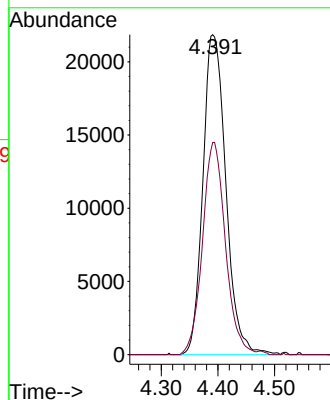
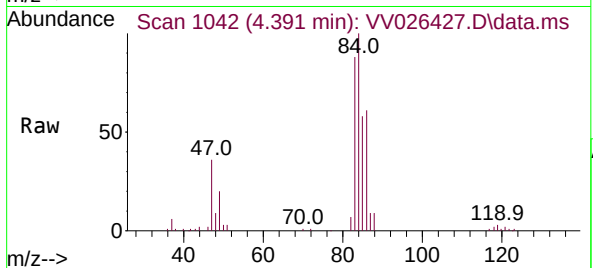
C0AK4

Tgt Ion: 83 Resp: 61608

Ion Ratio Lower Upper

83 100

85 66.3 46.5 86.3



#35

Methylcyclohexane

Concen: 1.025 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.052 min

Lab File: VV026427.D

Acq: 18 Jun 2022 17:00

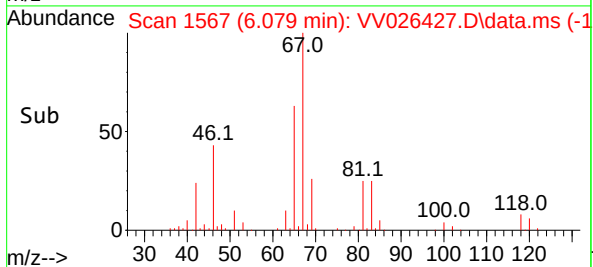
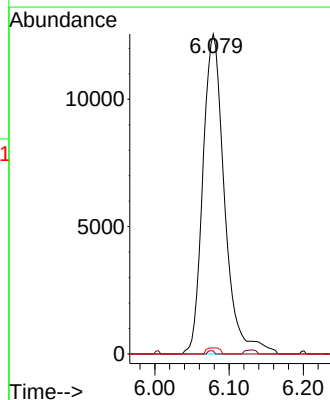
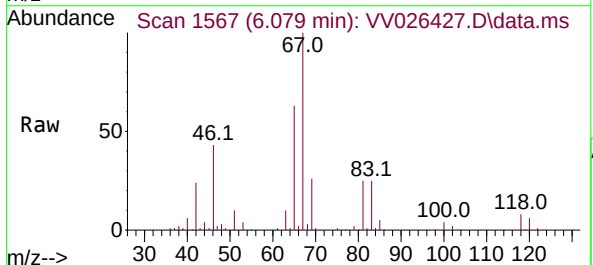
Tgt Ion: 83 Resp: 25478

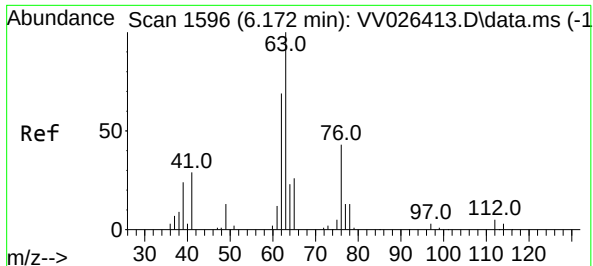
Ion Ratio Lower Upper

83 100

55 0.3 59.3 88.9#

98 1.1 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.627 ug/L

RT: 6.076 min Scan# 11

Delta R.T. -0.097 min

Lab File: VV026427.D

Acq: 18 Jun 2022 17:00

Instrument :

MSVOA_V

ClientSampleId :

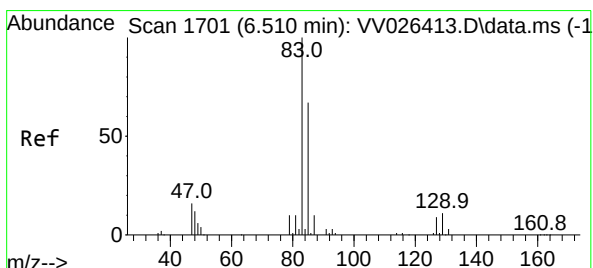
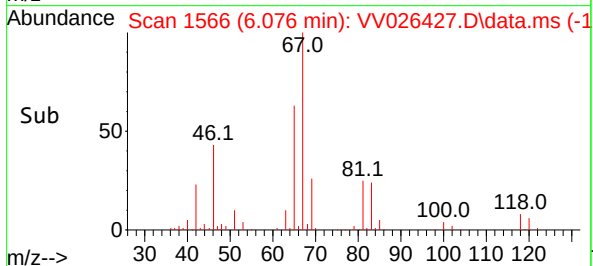
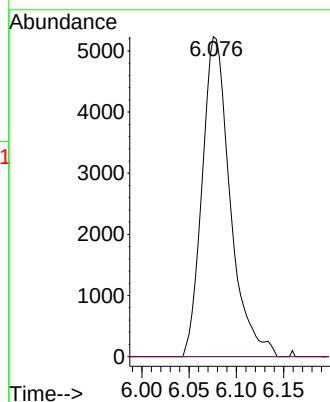
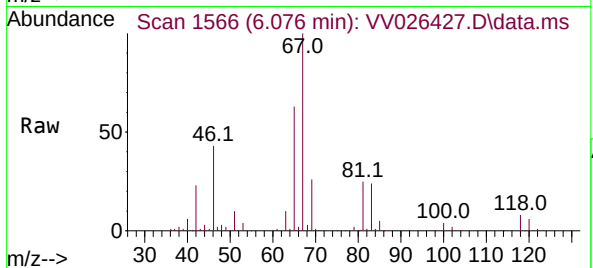
C0AK4

Tgt Ion: 63 Resp: 10788

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#38

Bromodichloromethane

Concen: 0.040 ug/L

RT: 6.535 min Scan# 1709

Delta R.T. 0.026 min

Lab File: VV026427.D

Acq: 18 Jun 2022 17:00

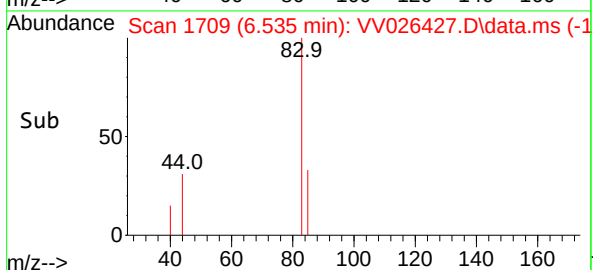
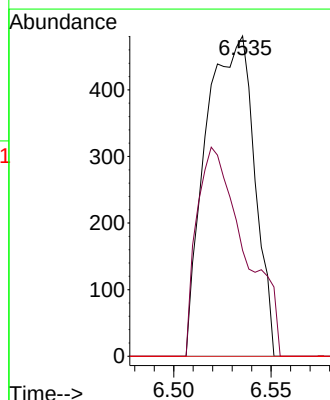
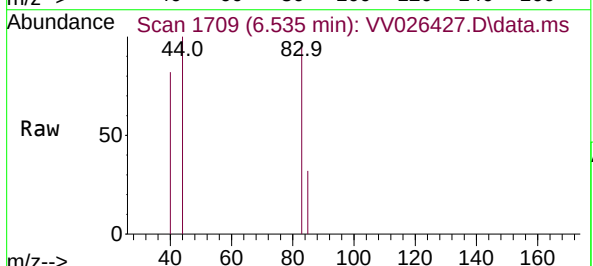
Tgt Ion: 83 Resp: 832

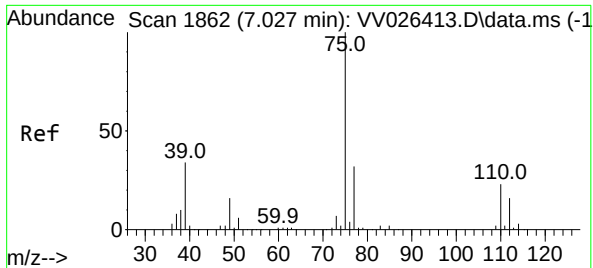
Ion Ratio Lower Upper

83 100

85 33.1 45.6 84.6#

127 0.0 7.2 10.8#





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 6.992 min Scan# 1860

Delta R.T. -0.035 min

Lab File: VV026427.D

Acq: 18 Jun 2022 17:00

Instrument :

MSVOA_V

ClientSampleId :

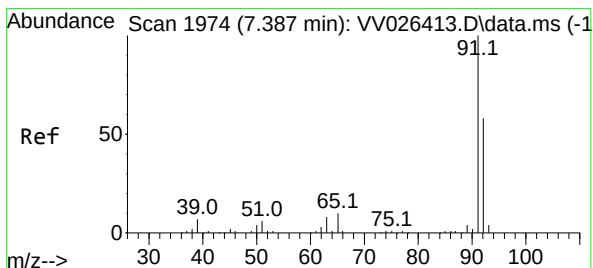
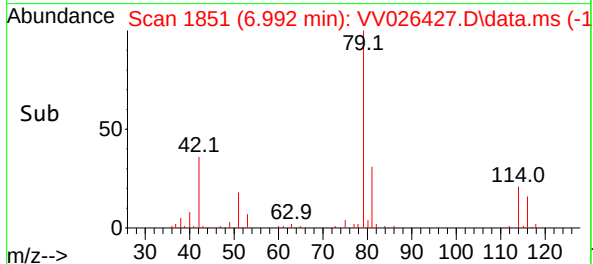
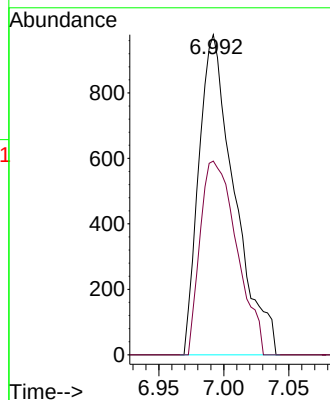
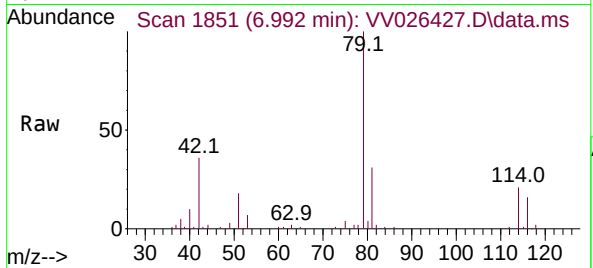
C0AK4

Tgt Ion: 75 Resp: 1860

Ion Ratio Lower Upper

75 100

77 60.5 23.0 42.6#



#42

Toluene

Concen: 0.275 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.010 min

Lab File: VV026427.D

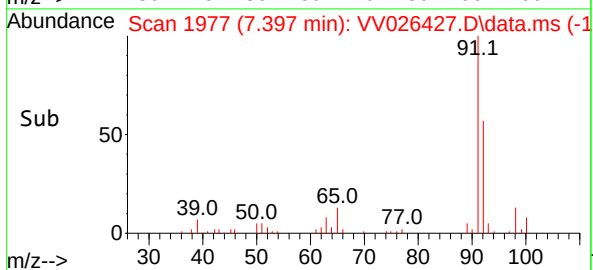
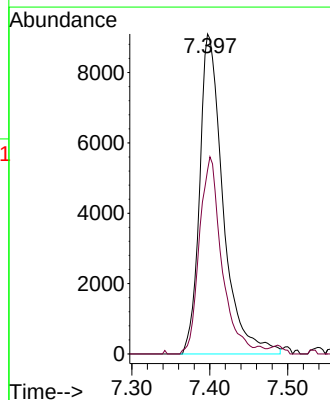
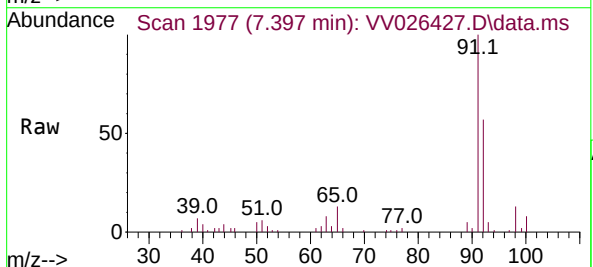
Acq: 18 Jun 2022 17:00

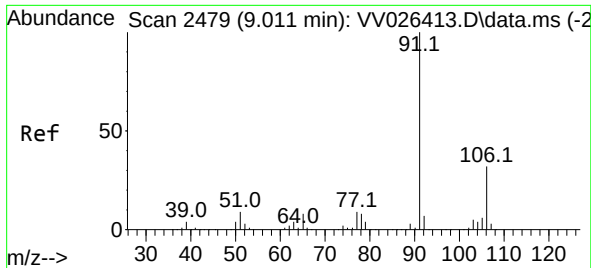
Tgt Ion: 91 Resp: 19023

Ion Ratio Lower Upper

91 100

92 57.5 40.1 74.5

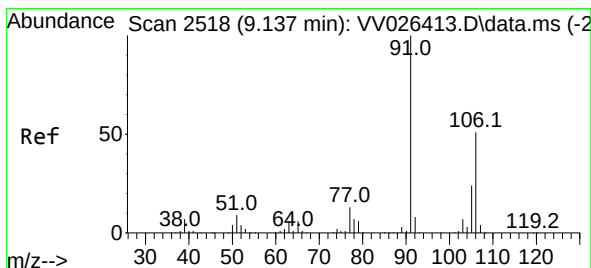
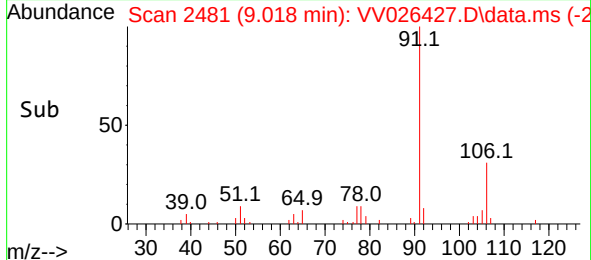
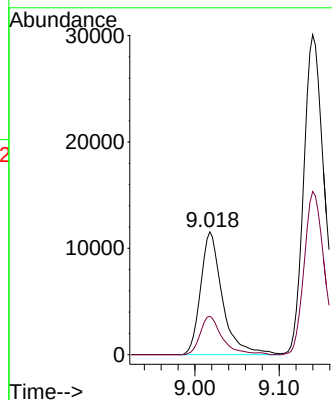
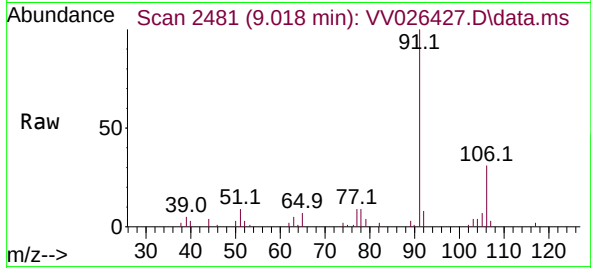




#52
Ethylbenzene
Concen: 0.301 ug/L
RT: 9.018 min Scan# 2479
Delta R.T. 0.006 min
Lab File: VV026427.D
Acq: 18 Jun 2022 17:00

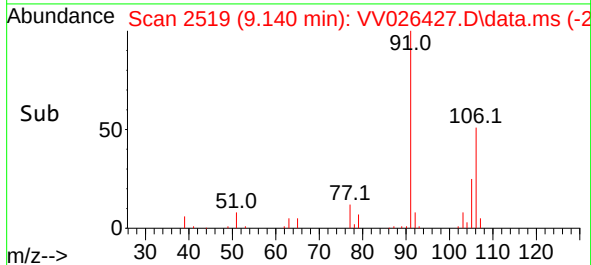
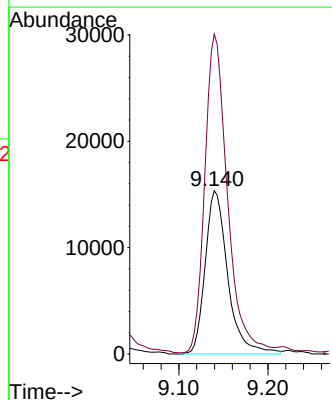
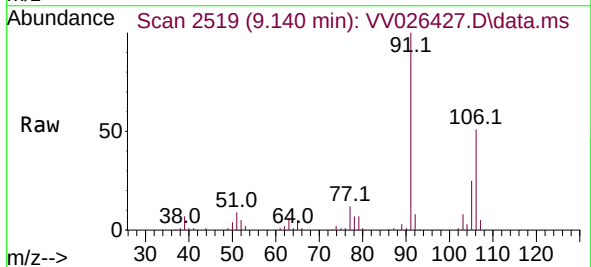
Instrument :
MSVOA_V
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C0AK4

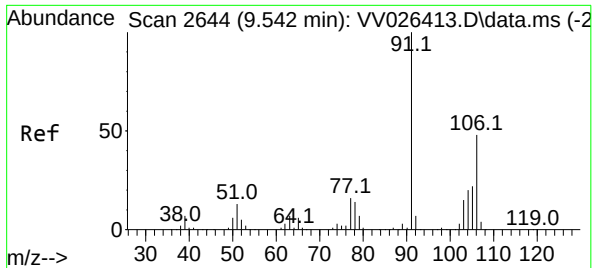
Tgt Ion: 91 Resp: 20875
Ion Ratio Lower Upper
91 100
106 31.3 21.6 40.0



#53
m,p-Xylene
Concen: 0.999 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV026427.D
Acq: 18 Jun 2022 17:00

Tgt Ion: 106 Resp: 27016
Ion Ratio Lower Upper
106 100
91 196.1 141.3 262.3

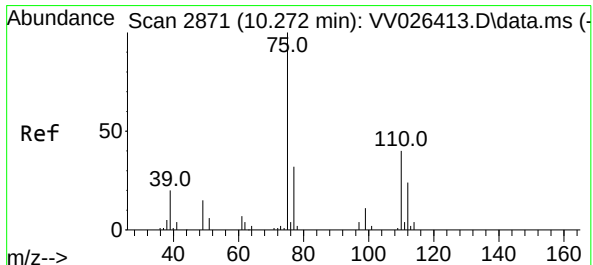
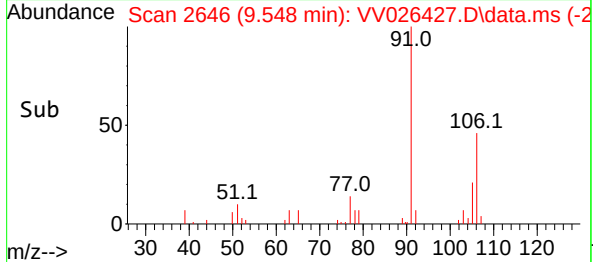
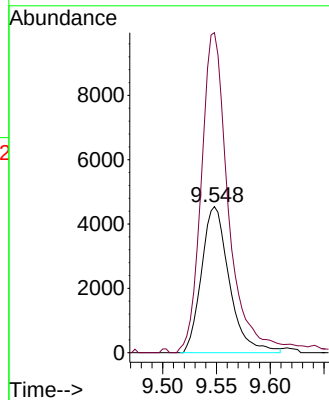
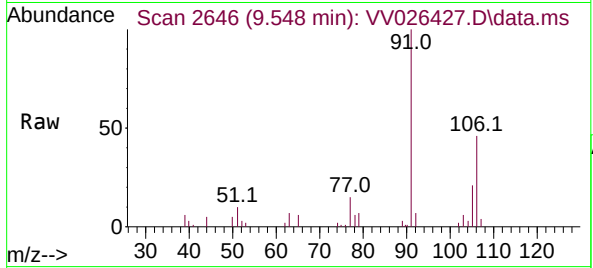




#54
o-Xylene
Concen: 0.312 ug/L
RT: 9.548 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV026427.D
Acq: 18 Jun 2022 17:00

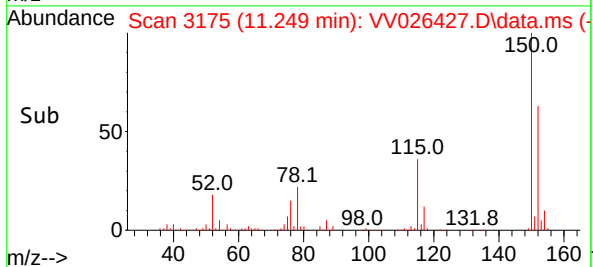
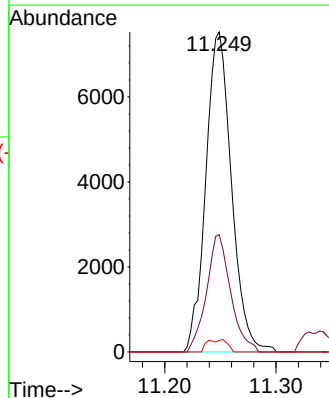
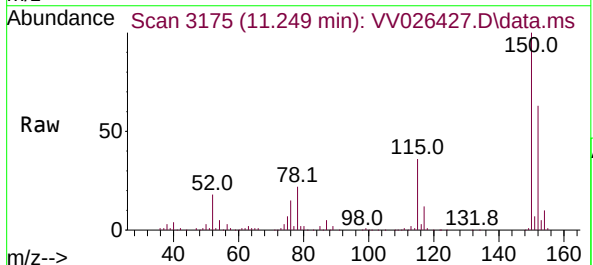
Instrument :
MSVOA_V
ClientSampleId :
C0AK4

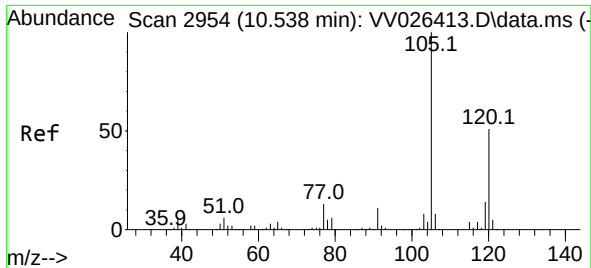
Tgt Ion:106 Resp: 8172
Ion Ratio Lower Upper
106 100
91 219.0 143.3 266.1



#61
1,2,3-Trichloropropane
Concen: 1.679 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV026427.D
Acq: 18 Jun 2022 17:00

Tgt Ion: 75 Resp: 12074
Ion Ratio Lower Upper
75 100
77 34.4 26.9 40.3
110 1.5 30.7 46.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.124 ug/L

RT: 10.542 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV026427.D

Acq: 18 Jun 2022 17:00

Instrument :

MSVOA_V

ClientSampleId :

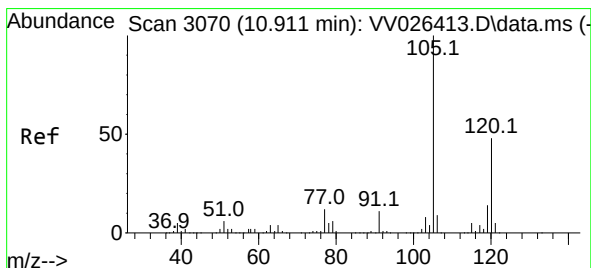
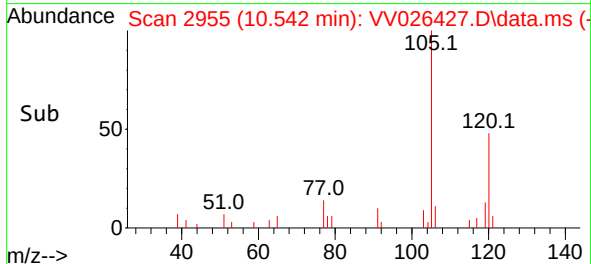
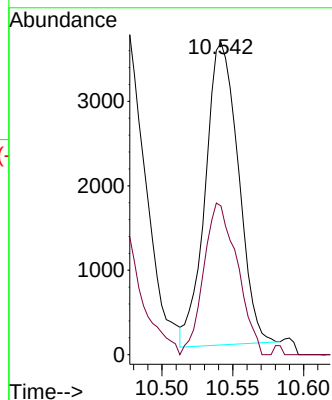
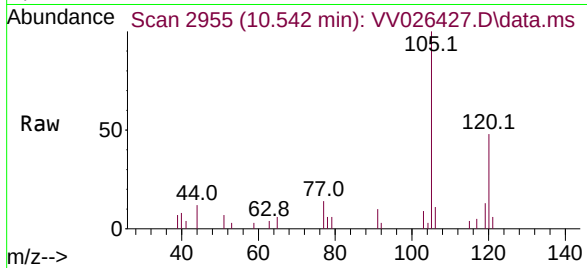
C0AK4

Tgt Ion:105 Resp: 5806

Ion Ratio Lower Upper

105 100

120 50.9 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 0.498 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV026427.D

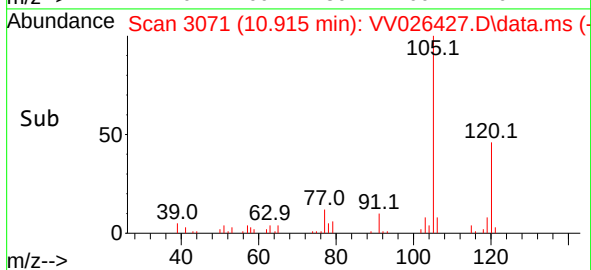
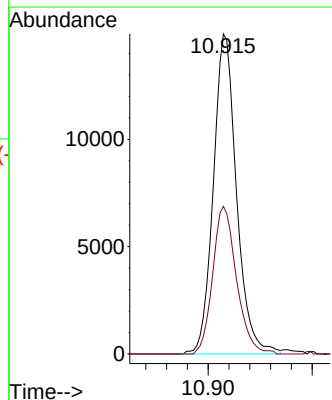
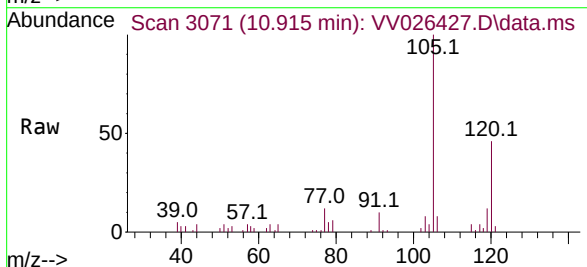
Acq: 18 Jun 2022 17:00

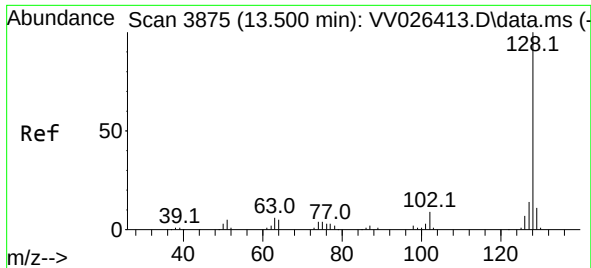
Tgt Ion:105 Resp: 23120

Ion Ratio Lower Upper

105 100

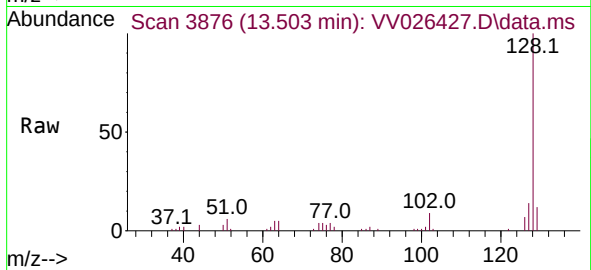
120 47.2 36.9 55.3





#71
Naphthalene
Concen: 1.699 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV026427.D
Acq: 18 Jun 2022 17:00

Instrument :
MSVOA_V
ClientSampleId :
C0AK4



Tgt Ion:128 Resp: 36515
Ion Ratio Lower Upper
128 100
129 11.8 8.7 13.1
127 13.7 10.6 16.0

