

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061822\
 Data File : VW026429.D
 Acq On : 18 Jun 2022 17:47
 Operator : SY/MD
 Sample : N3358-20
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW4T3

Quant Time: Jun 20 01:30:48 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	251395	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	235062	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	99440	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	85879	3.933	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.584	69	74270	4.326	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.124	63	125117	3.337	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	3.925	46	95653	44.894	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.780%
24) Chloroform-d	4.362	84	160947	5.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.043	65	66948	4.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.060	84	334667	5.325	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
36) 1,2-Dichloropropane-d6	6.076	67	94447	5.149	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.320	98	289708	5.056	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
43) trans-1,3-Dichloroprop...	7.629	79	22289	3.748	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.092	63	87841	48.893	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.780%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	57305	5.072	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	89026	5.812	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	3435	0.165	ug/L	96
6) Bromomethane	1.542	94	663	0.055	ug/L	96
8) Chloroethane	1.536	64	89773	6.664	ug/L #	48
14) Carbon disulfide	2.307	76	2954	0.075	ug/L	97
25) Chloroform	4.391	83	10991	0.345	ug/L	98
27) 1,2-Dichloroethane	5.060	62	1778	0.123	ug/L #	71
33) Benzene	5.124	78	4234	0.070	ug/L	100
35) Methylcyclohexane	6.076	83	24353	1.070	ug/L #	20
37) 1,2-Dichloropropane	6.082	63	9830	0.624	ug/L #	89
39) cis-1,3-Dichloropropene	6.992	75	1545	0.086	ug/L #	60
52) Ethylbenzene	9.018	91	8907	0.140	ug/L	97
53) m,p-Xylene	9.143	106	10486	0.423	ug/L	95
54) o-Xylene	9.548	106	3019	0.126	ug/L	92
61) 1,2,3-Trichloropropane	11.246	75	11168	1.731	ug/L #	67
62) 1,3,5-Trimethylbenzene	10.542	105	2129	0.051	ug/L	87
63) 1,2,4-Trimethylbenzene	10.918	105	7753	0.186	ug/L	100
71) Naphthalene	13.506	128	6970	0.361	ug/L	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
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ClientSampleId :
EW4T3

Quant Time: Jun 20 01:30:48 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

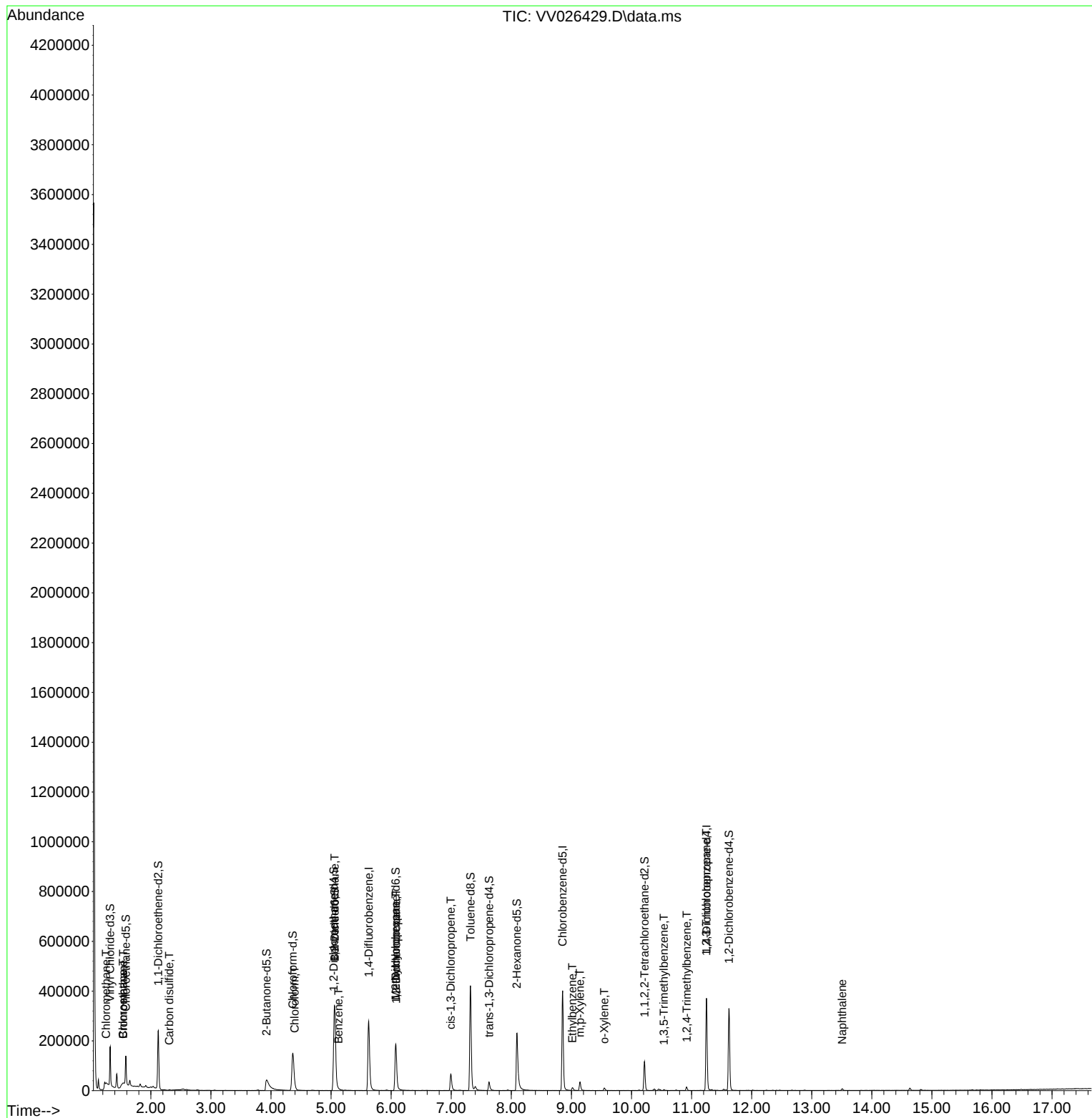
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

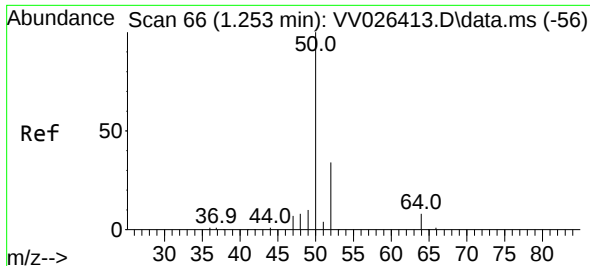
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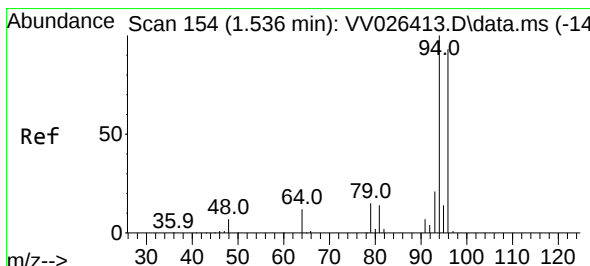
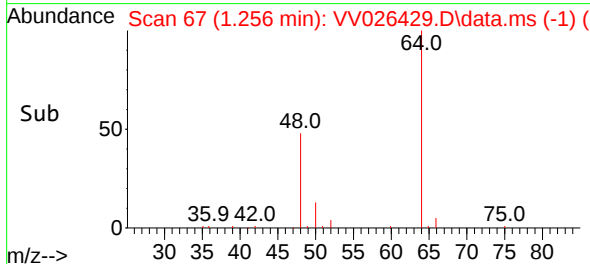
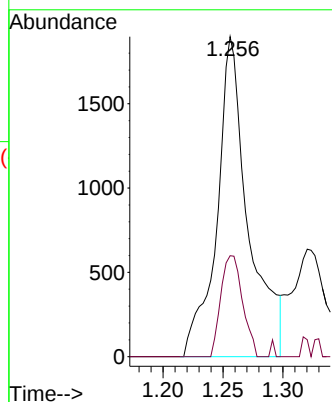
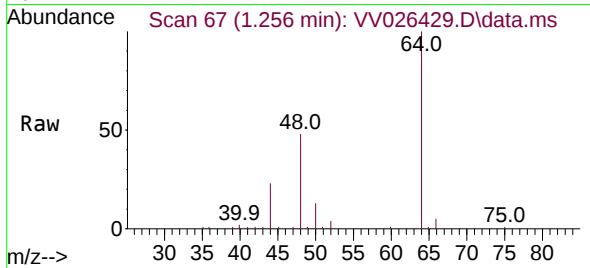




#3
Chloromethane
Concen: 0.165 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026429.D
Acq: 18 Jun 2022 17:47

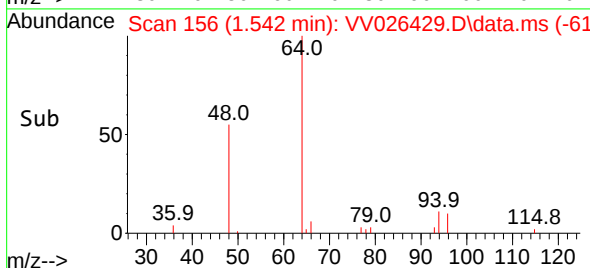
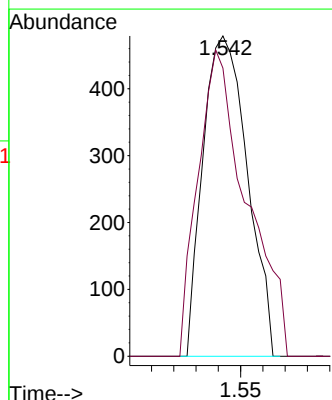
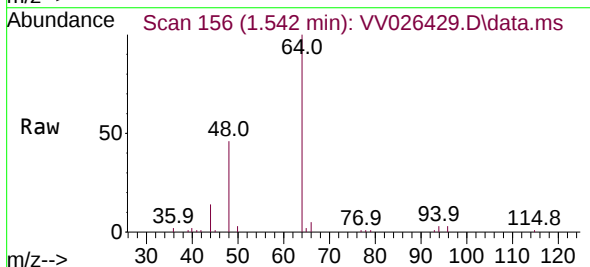
Instrument :
MSVOA_V
ClientSampleId :
EW4T3

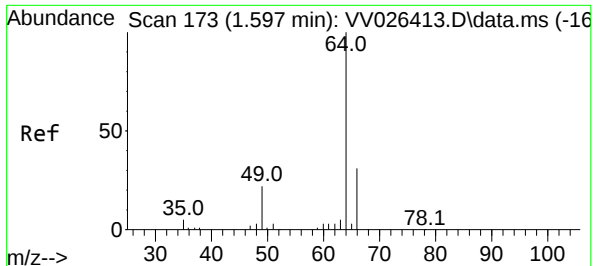
Tgt Ion: 50 Resp: 3435
Ion Ratio Lower Upper
50 100
52 31.6 23.7 44.1



#6
Bromomethane
Concen: 0.055 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.006 min
Lab File: VV026429.D
Acq: 18 Jun 2022 17:47

Tgt Ion: 94 Resp: 663
Ion Ratio Lower Upper
94 100
96 90.0 65.7 121.9

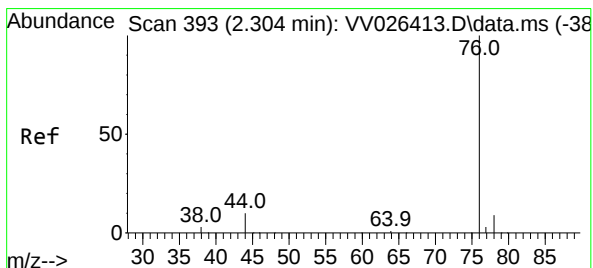
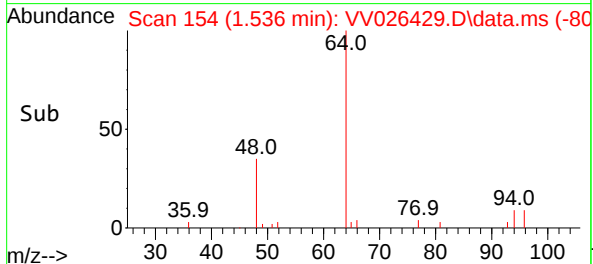
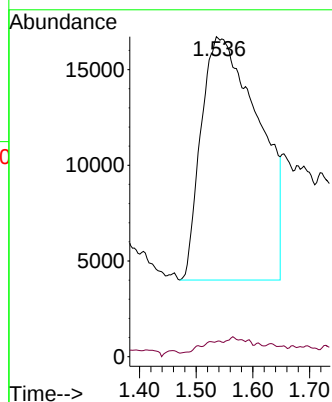
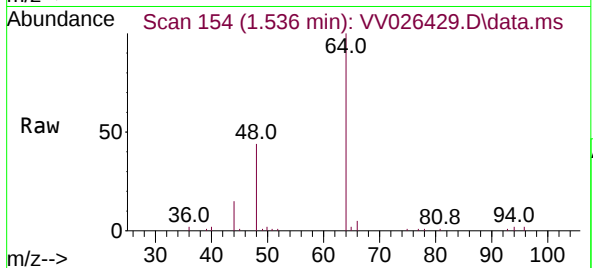




#8
Chloroethane
Concen: 6.664 ug/L
RT: 1.536 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV026429.D
Acq: 18 Jun 2022 17:47

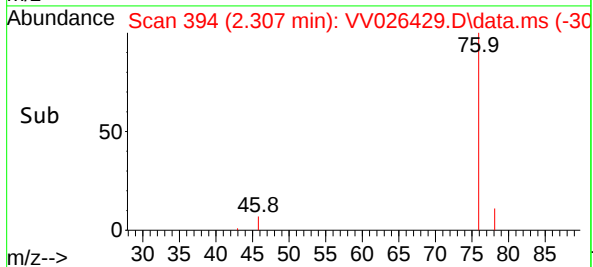
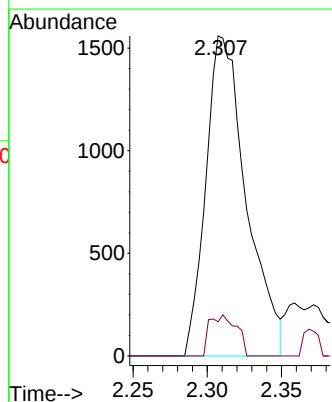
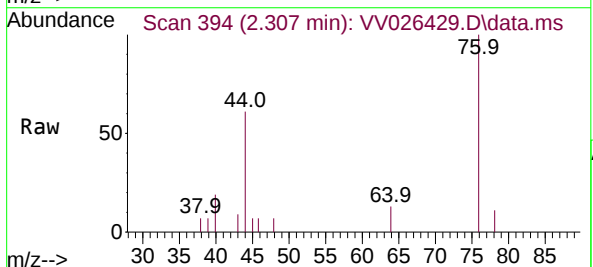
Instrument :
MSVOA_V
ClientSampleId :
EW4T3

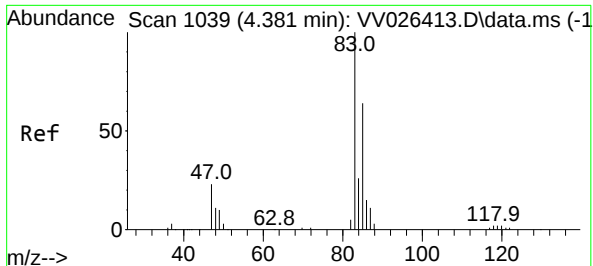
Tgt Ion: 64 Resp: 89773
Ion Ratio Lower Upper
64 100
66 4.7 24.1 44.7#



#14
Carbon disulfide
Concen: 0.075 ug/L
RT: 2.307 min Scan# 394
Delta R.T. 0.003 min
Lab File: VV026429.D
Acq: 18 Jun 2022 17:47

Tgt Ion: 76 Resp: 2954
Ion Ratio Lower Upper
76 100
78 10.7 7.7 11.5

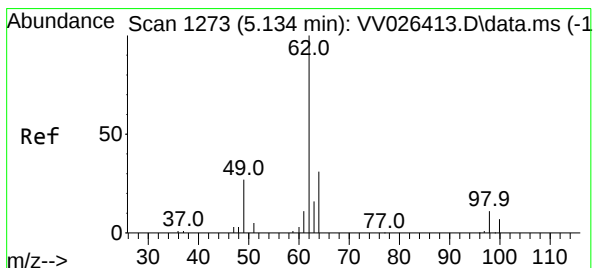
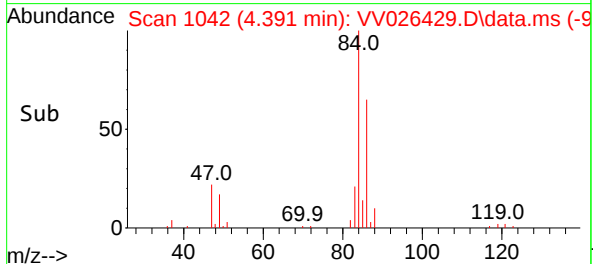
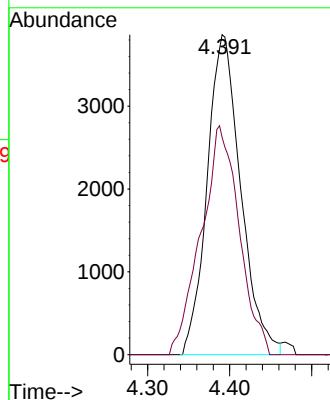
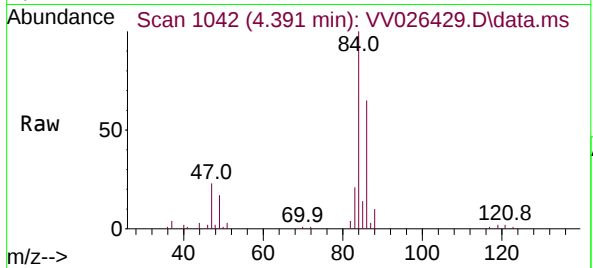




#25
Chloroform
Concen: 0.345 ug/L
RT: 4.391 min Scan# 1039
Delta R.T. 0.010 min
Lab File: VV026429.D
Acq: 18 Jun 2022 17:47

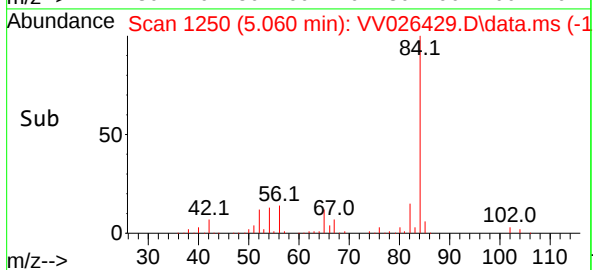
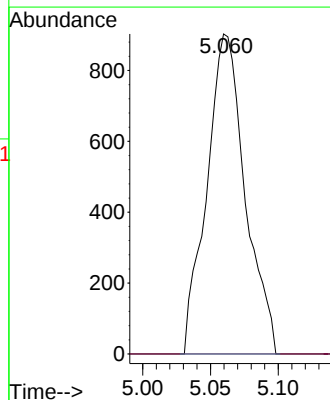
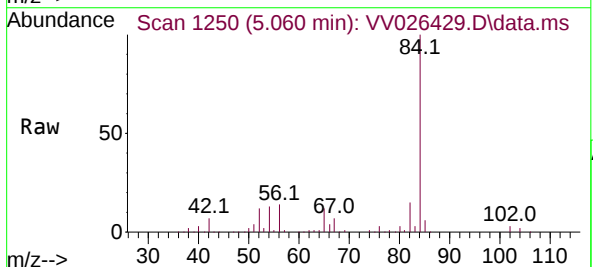
Instrument :
MSVOA_V
ClientSampleId :
EW4T3

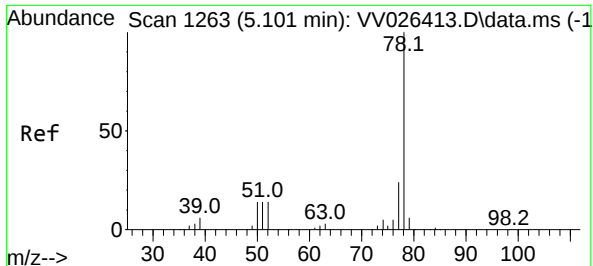
Tgt Ion: 83 Resp: 10991
Ion Ratio Lower Upper
83 100
85 67.9 46.5 86.3



#27
1,2-Dichloroethane
Concen: 0.123 ug/L
RT: 5.060 min Scan# 1250
Delta R.T. -0.074 min
Lab File: VV026429.D
Acq: 18 Jun 2022 17:47

Tgt Ion: 62 Resp: 1778
Ion Ratio Lower Upper
62 100
98 0.0 8.6 13.0#

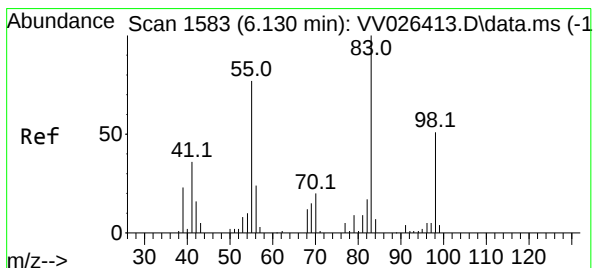
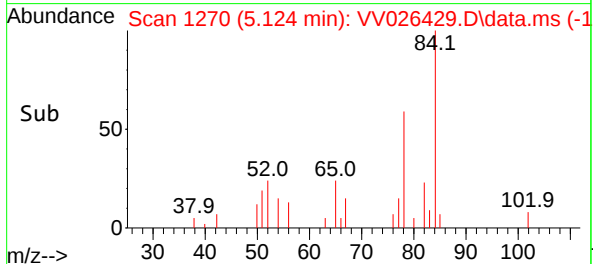
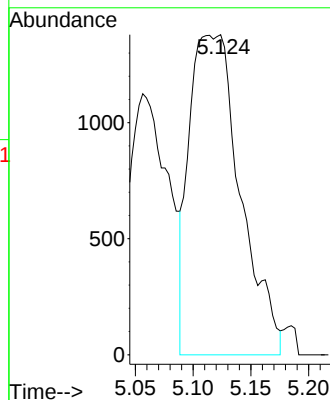
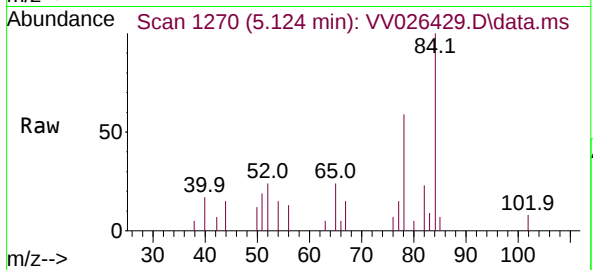




#33
Benzene
Concen: 0.070 ug/L
RT: 5.124 min Scan# 11
Delta R.T. 0.022 min
Lab File: VV026429.D
Acq: 18 Jun 2022 17:47

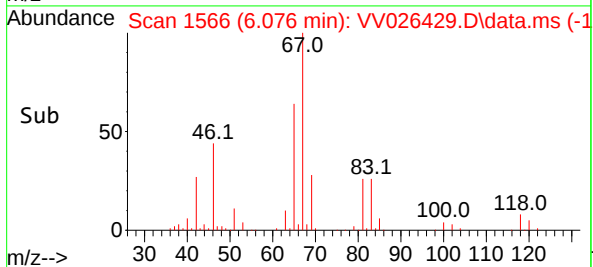
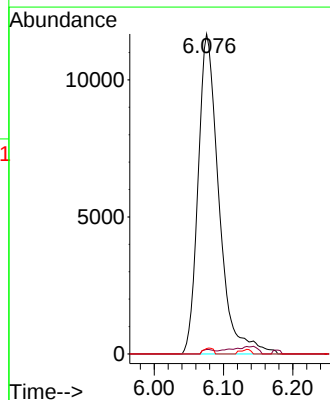
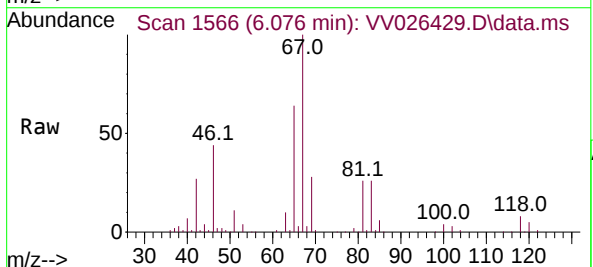
Instrument :
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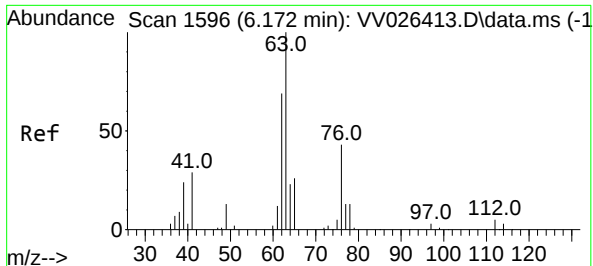
Tgt Ion: 78 Resp: 4234



#35
Methylcyclohexane
Concen: 1.070 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.055 min
Lab File: VV026429.D
Acq: 18 Jun 2022 17:47

Tgt Ion: 83 Resp: 24353
Ion Ratio Lower Upper
83 100
55 0.8 59.3 88.9#
98 0.8 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.624 ug/L

RT: 6.082 min Scan# 1

Delta R.T. -0.090 min

Lab File: VV026429.D

Acq: 18 Jun 2022 17:47

Instrument :

MSVOA_V

ClientSampleId :

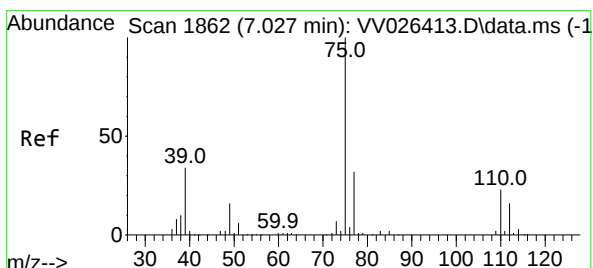
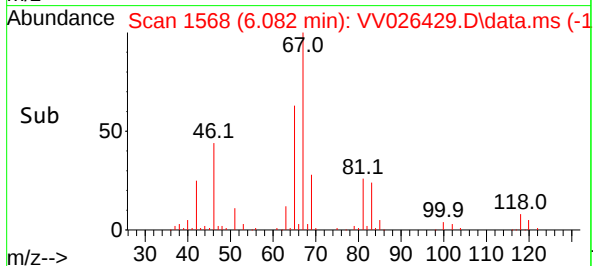
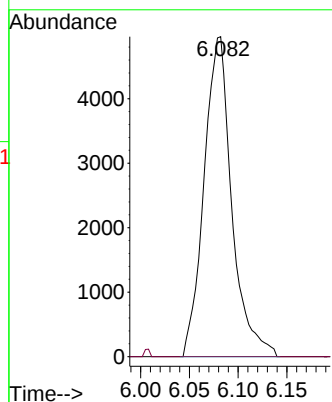
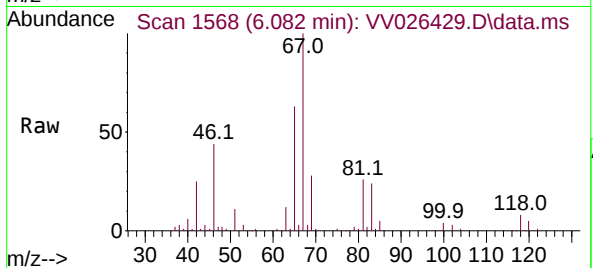
EW4T3

Tgt Ion: 63 Resp: 9830

Ion Ratio Lower Upper

63 100

112 0.4 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV026429.D

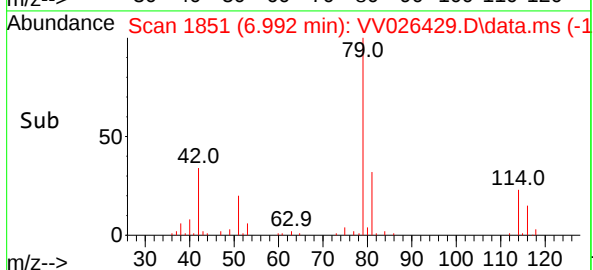
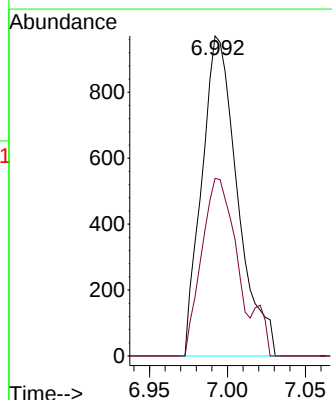
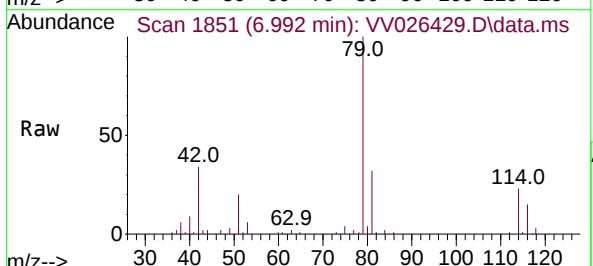
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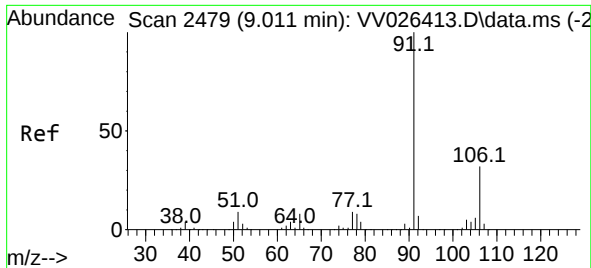
Tgt Ion: 75 Resp: 1545

Ion Ratio Lower Upper

75 100

77 55.5 23.0 42.6#

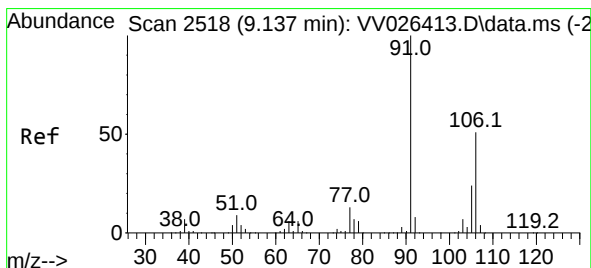
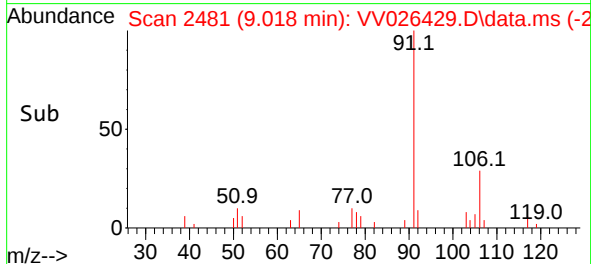
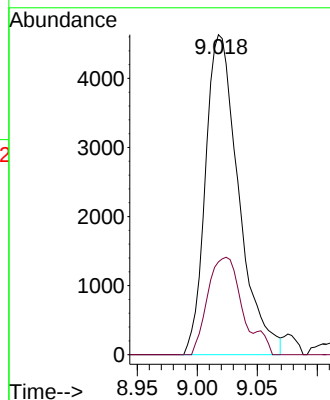
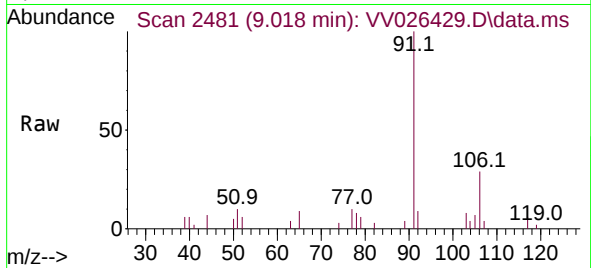




#52
Ethylbenzene
Concen: 0.140 ug/L
RT: 9.018 min Scan# 2479
Delta R.T. 0.006 min
Lab File: VV026429.D
Acq: 18 Jun 2022 17:47

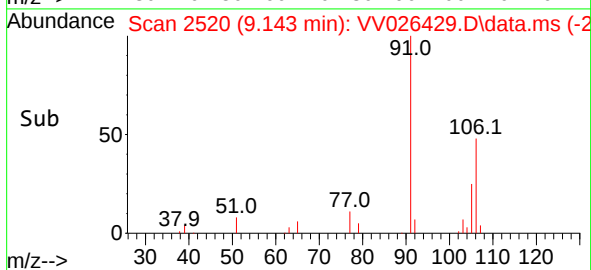
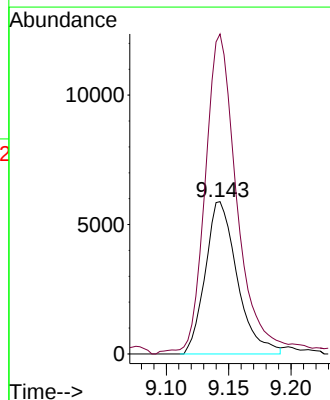
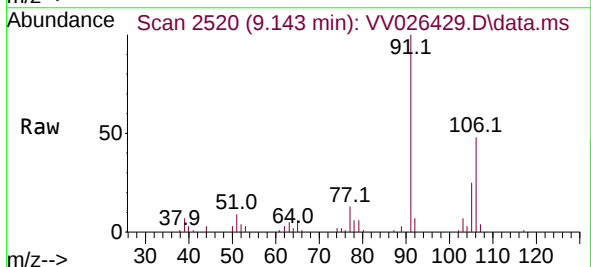
Instrument :
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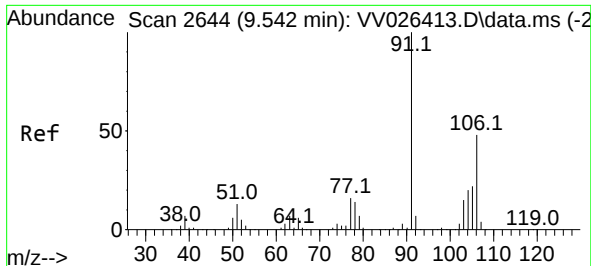
Tgt Ion: 91 Resp: 8907
Ion Ratio Lower Upper
91 100
106 29.0 21.6 40.0



#53
m,p-Xylene
Concen: 0.423 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV026429.D
Acq: 18 Jun 2022 17:47

Tgt Ion: 106 Resp: 10486
Ion Ratio Lower Upper
106 100
91 210.1 141.3 262.3

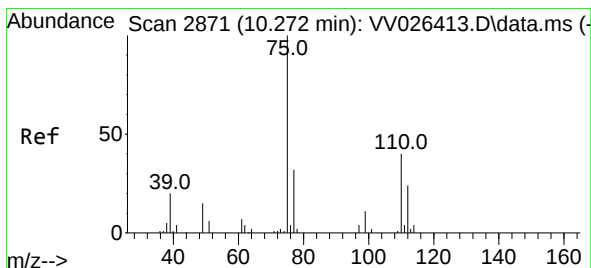
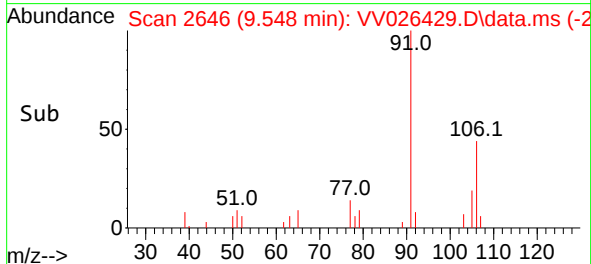
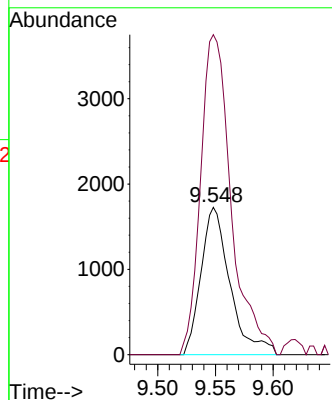
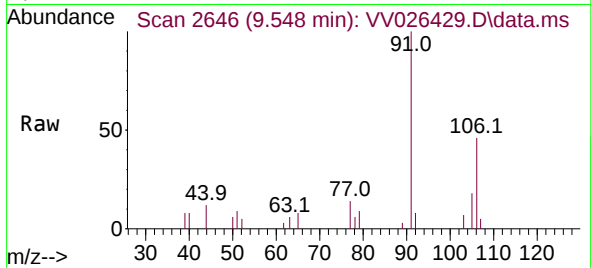




#54
o-Xylene
Concen: 0.126 ug/L
RT: 9.548 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV026429.D
Acq: 18 Jun 2022 17:47

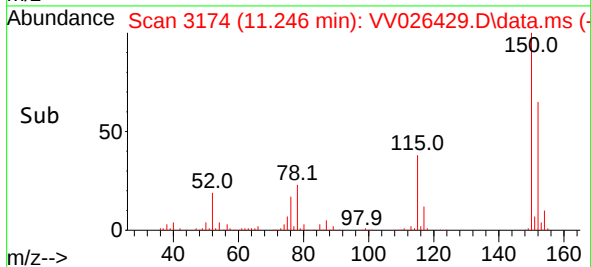
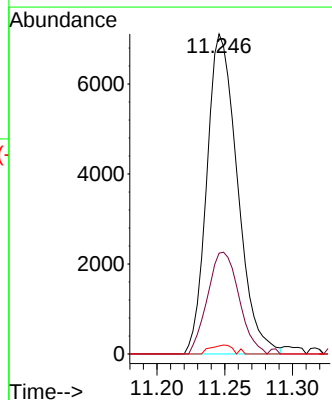
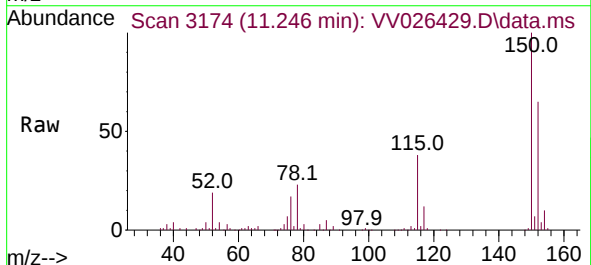
Instrument :
MSVOA_V
ClientSampleId :
EW4T3

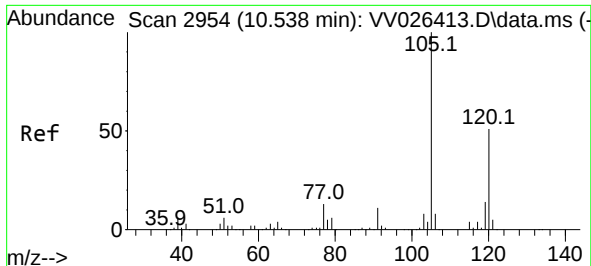
Tgt Ion:106 Resp: 3019
Ion Ratio Lower Upper
106 100
91 217.1 143.3 266.1



#61
1,2,3-Trichloropropane
Concen: 1.731 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV026429.D
Acq: 18 Jun 2022 17:47

Tgt Ion: 75 Resp: 11168
Ion Ratio Lower Upper
75 100
77 32.6 26.9 40.3
110 2.1 30.7 46.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.051 ug/L

RT: 10.542 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV026429.D

Acq: 18 Jun 2022 17:47

Instrument :

MSVOA_V

ClientSampleId :

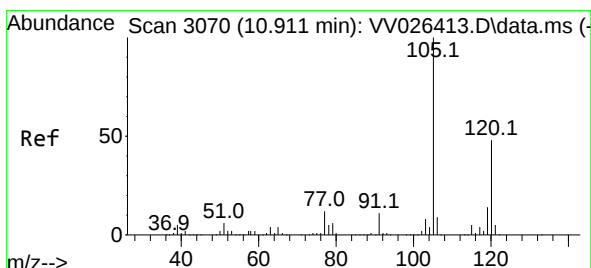
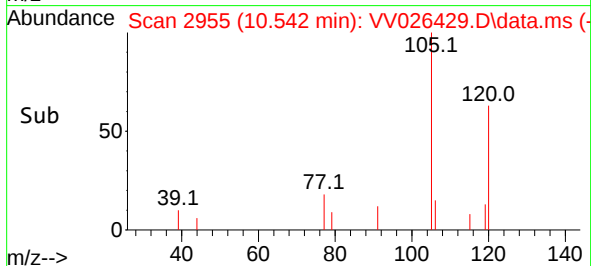
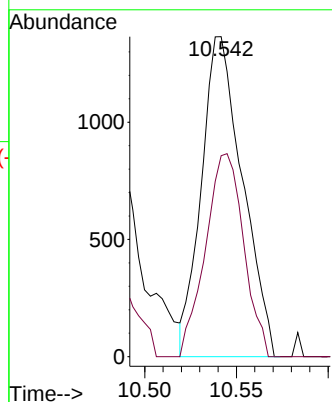
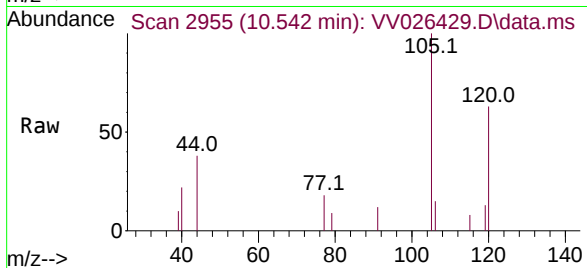
EW4T3

Tgt Ion:105 Resp: 2129

Ion Ratio Lower Upper

105 100

120 58.8 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 0.186 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.006 min

Lab File: VV026429.D

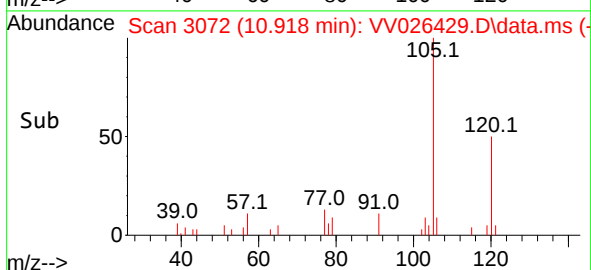
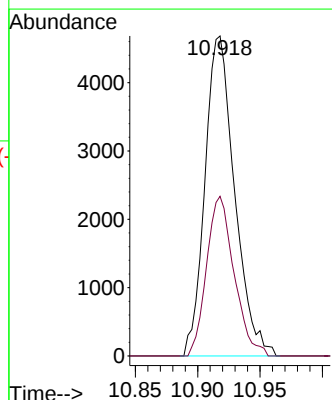
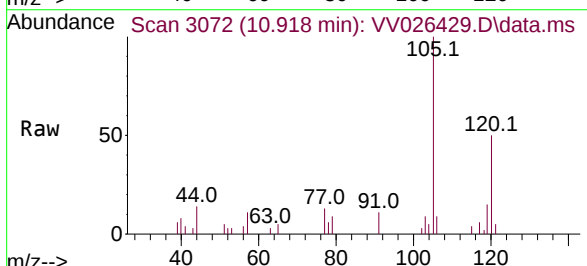
Acq: 18 Jun 2022 17:47

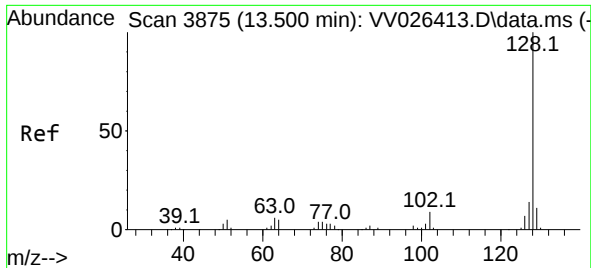
Tgt Ion:105 Resp: 7753

Ion Ratio Lower Upper

105 100

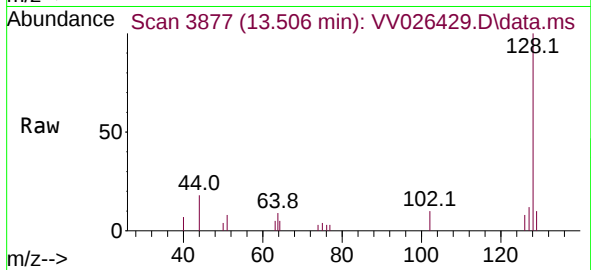
120 46.3 36.9 55.3





#71
Naphthalene
Concen: 0.361 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV026429.D
Acq: 18 Jun 2022 17:47

Instrument :
MSVOA_V
ClientSampleId :
EW4T3



Tgt Ion:	128	Resp:	6970
Ion	Ratio	Lower	Upper
128	100		
129	9.1	8.7	13.1
127	10.8	10.6	16.0

