

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061822\
 Data File : VW026433.D
 Acq On : 18 Jun 2022 19:42
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK259

Quant Time: Jun 20 01:31:49 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	5.622	114	265967	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	236362	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	103541	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.326	65	97518	4.221	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.587	69	80376	4.425	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.124	63	138469	3.490	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	3.924	46	109255	48.469	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.940%
24) Chloroform-d	4.362	84	174204	5.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.040	65	69880	4.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.059	84	356134	5.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.800%
36) 1,2-Dichloropropane-d6	6.075	67	101763	5.518	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.400%
41) Toluene-d8	7.317	98	308599	5.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
43) trans-1,3-Dichloroprop...	7.625	79	26561	4.441	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.091	63	91303	50.541	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.080%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	59401	5.228	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	92937	5.827	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.262	50	4399	0.199	ug/L #	71
6) Bromomethane	1.545	94	1453	0.113	ug/L	84
8) Chloroethane	1.516	64	371668	26.078	ug/L #	48
14) Carbon disulfide	2.317	76	77307	1.866	ug/L	100
27) 1,2-Dichloroethane	5.059	62	1934	0.126	ug/L #	71
33) Benzene	5.063	78	2767	0.046	ug/L	100
35) Methylcyclohexane	6.075	83	25443	1.112	ug/L #	19
37) 1,2-Dichloropropane	6.075	63	10668	0.673	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	2054	0.114	ug/L	85
44) trans-1,3-Dichloropropene	7.625	75	1087	0.075	ug/L	91
52) Ethylbenzene	9.021	91	4052	0.063	ug/L	98
53) m,p-Xylene	9.143	106	4965	0.199	ug/L	97
54) o-Xylene	9.548	106	1470	0.061	ug/L	86
61) 1,2,3-Trichloropropane	11.246	75	12027	1.790	ug/L #	68
62) 1,3,5-Trimethylbenzene	10.915	105	3695	0.084	ug/L	93
63) 1,2,4-Trimethylbenzene	10.915	105	3695	0.085	ug/L	98
71) Naphthalene	13.506	128	4638	0.231	ug/L #	89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026433.D
Acq On : 18 Jun 2022 19:42
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK259

Quant Time: Jun 20 01:31:49 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

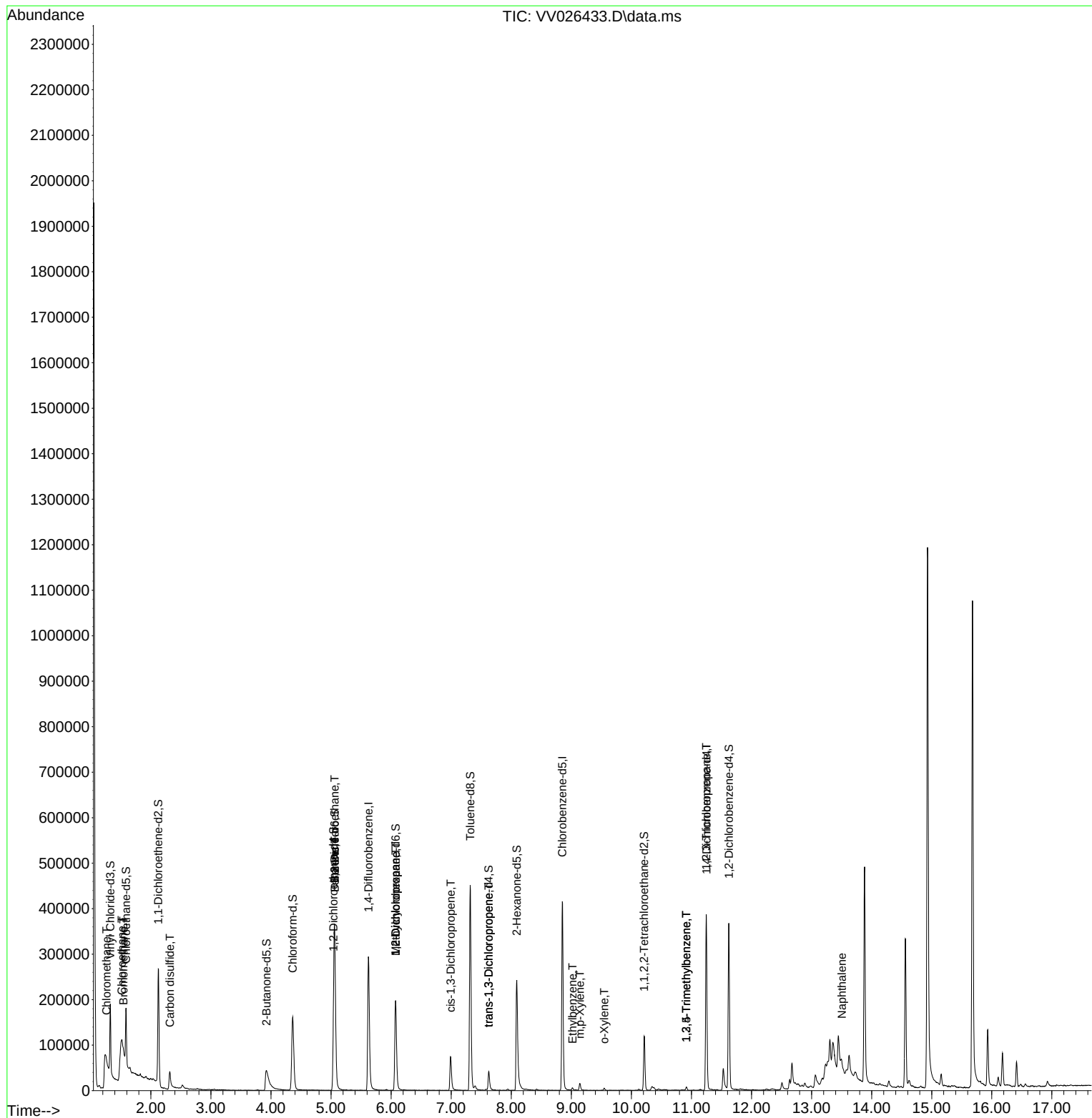
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

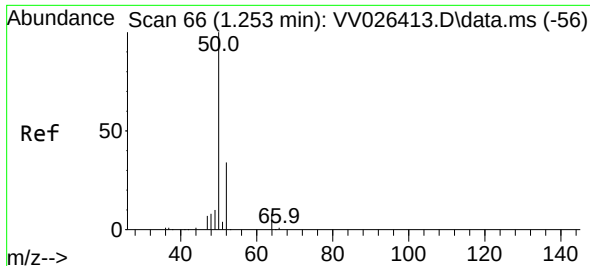
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
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Operator : SY/MD
Sample : VSTDCCC005
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Instrument :
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Quant Time: Jun 20 01:31:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
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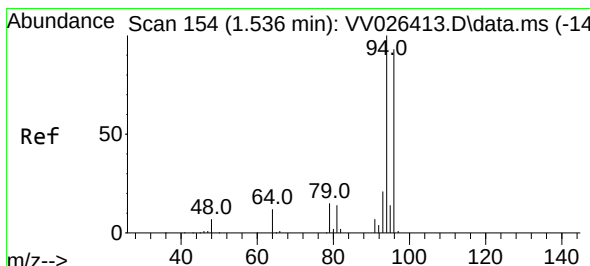
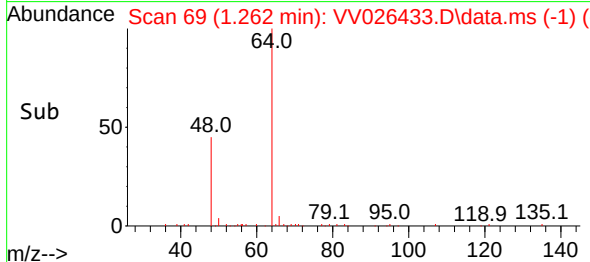
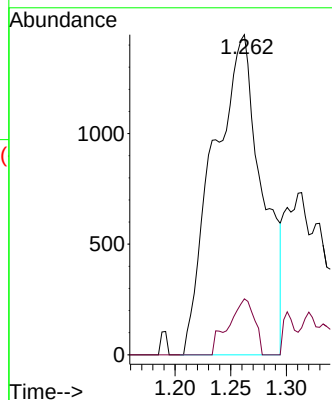
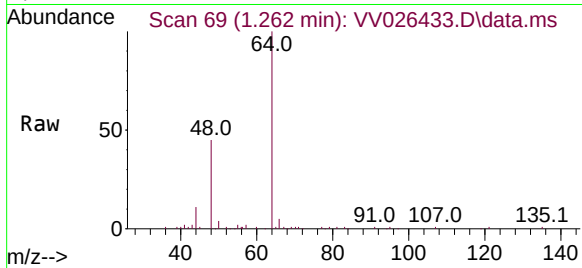




#3
Chloromethane
Concen: 0.199 ug/L
RT: 1.262 min Scan# 61
Delta R.T. 0.009 min
Lab File: VV026433.D
Acq: 18 Jun 2022 19:42

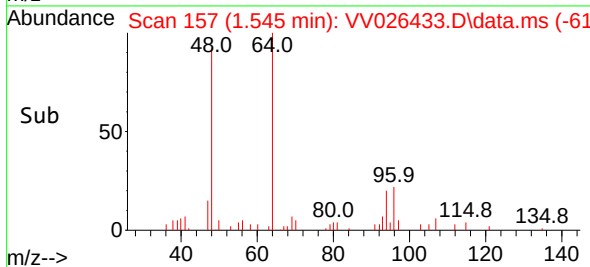
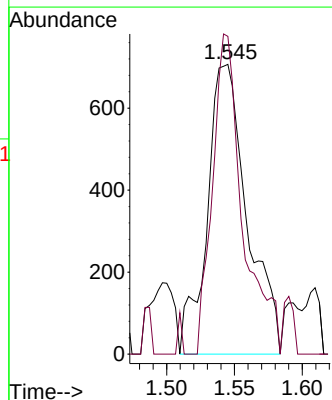
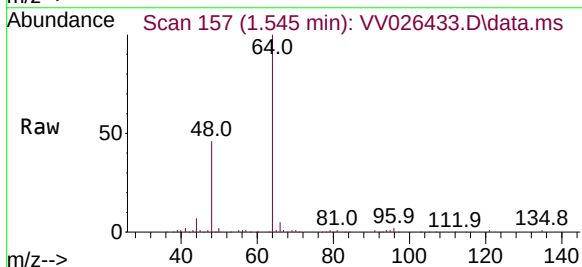
Instrument :
MSVOA_V
ClientSampleId :
VIBLK259

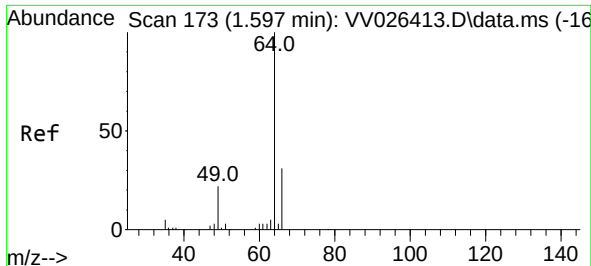
Tgt Ion: 50 Resp: 4399
Ion Ratio Lower Upper
50 100
52 17.5 23.7 44.1#



#6
Bromomethane
Concen: 0.113 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.009 min
Lab File: VV026433.D
Acq: 18 Jun 2022 19:42

Tgt Ion: 94 Resp: 1453
Ion Ratio Lower Upper
94 100
96 109.6 65.7 121.9

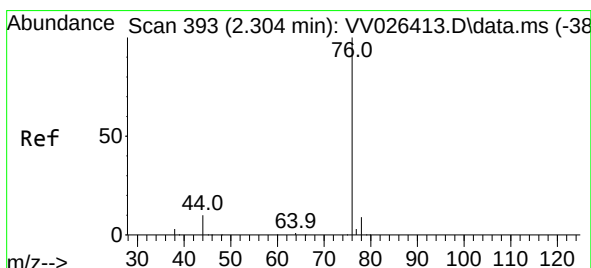
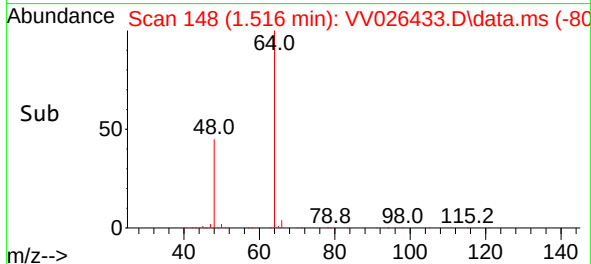
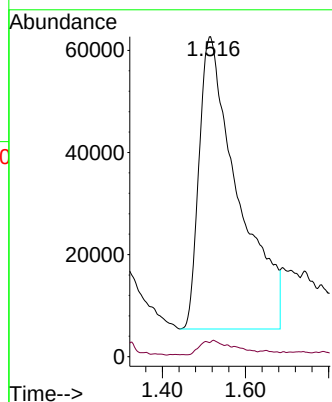
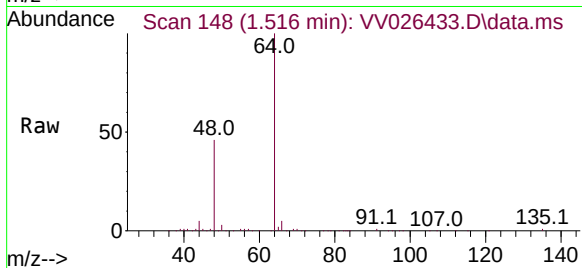




#8
Chloroethane
Concen: 26.078 ug/L
RT: 1.516 min Scan# 14
Delta R.T. -0.081 min
Lab File: VV026433.D
Acq: 18 Jun 2022 19:42

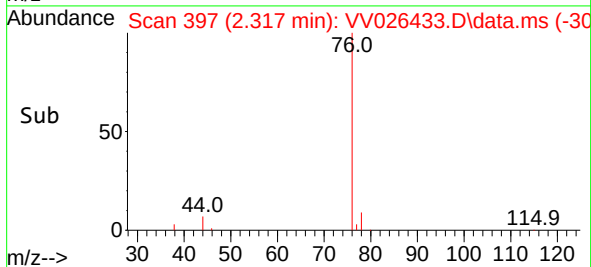
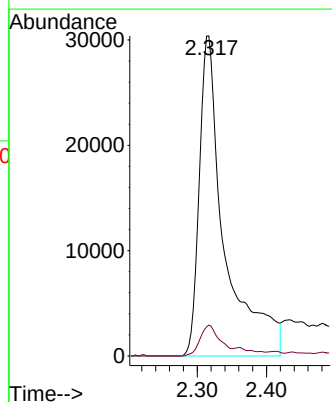
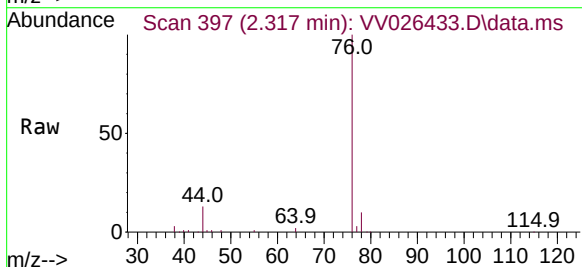
Instrument :
MSVOA_V
ClientSampleId :
VIBLK259

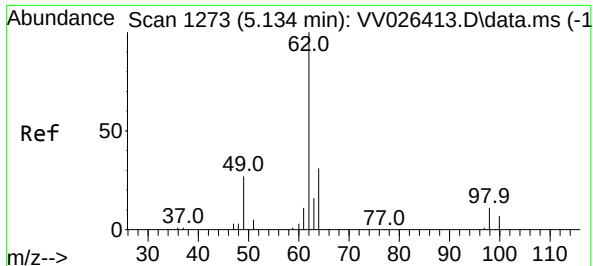
Tgt Ion: 64 Resp: 371668
Ion Ratio Lower Upper
64 100
66 4.6 24.1 44.7#



#14
Carbon disulfide
Concen: 1.866 ug/L
RT: 2.317 min Scan# 397
Delta R.T. 0.013 min
Lab File: VV026433.D
Acq: 18 Jun 2022 19:42

Tgt Ion: 76 Resp: 77307
Ion Ratio Lower Upper
76 100
78 9.6 7.7 11.5





#27

1,2-Dichloroethane

Concen: 0.126 ug/L

RT: 5.059 min Scan# 11

Delta R.T. -0.074 min

Lab File: VV026433.D

Acq: 18 Jun 2022 19:42

Instrument :

MSVOA_V

ClientSampleId :

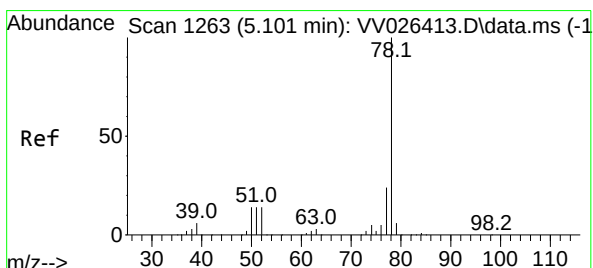
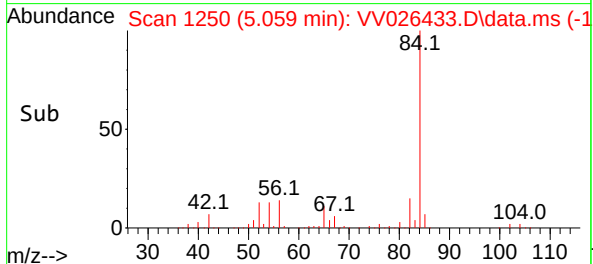
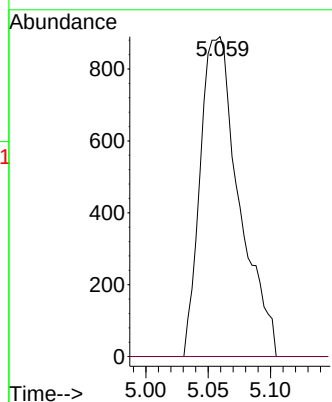
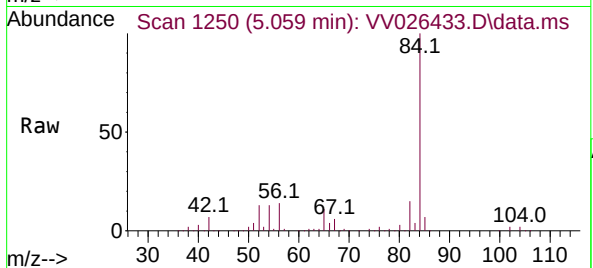
VIBLK259

Tgt Ion: 62 Resp: 1934

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#



#33

Benzene

Concen: 0.046 ug/L

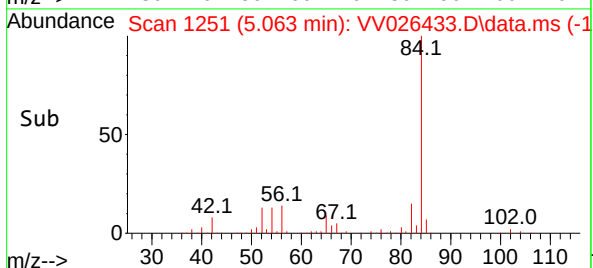
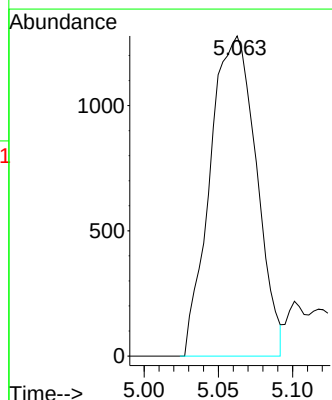
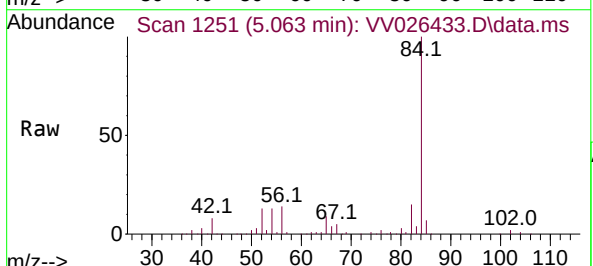
RT: 5.063 min Scan# 1251

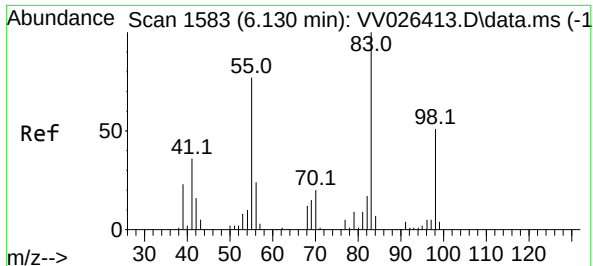
Delta R.T. -0.039 min

Lab File: VV026433.D

Acq: 18 Jun 2022 19:42

Tgt Ion: 78 Resp: 2767





#35

Methylcyclohexane

Concen: 1.112 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.055 min

Lab File: VV026433.D

Acq: 18 Jun 2022 19:42

Instrument :

MSVOA_V

ClientSampleId :

VIBLK259

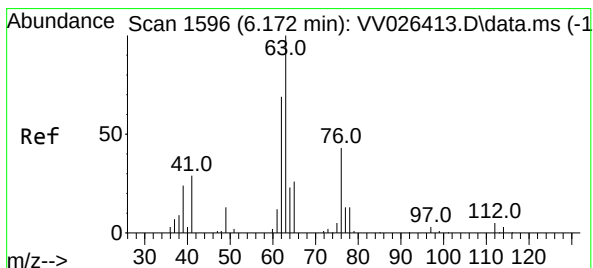
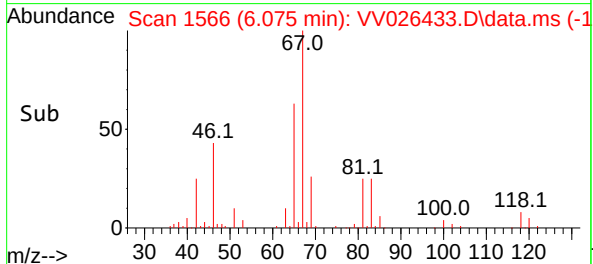
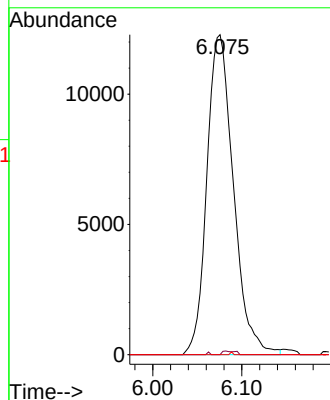
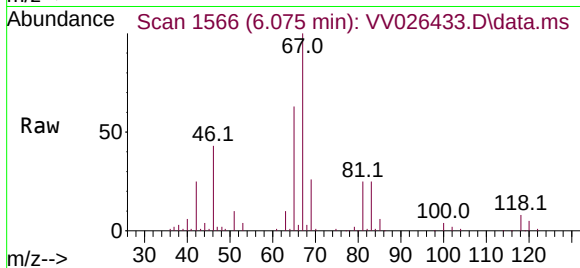
Tgt Ion: 83 Resp: 25443

Ion Ratio Lower Upper

83 100

55 0.6 59.3 88.9#

98 0.1 39.9 59.9#



#37

1,2-Dichloropropane

Concen: 0.673 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.097 min

Lab File: VV026433.D

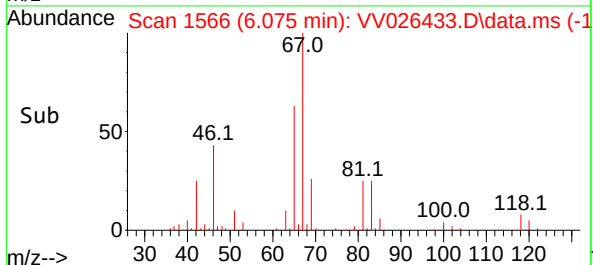
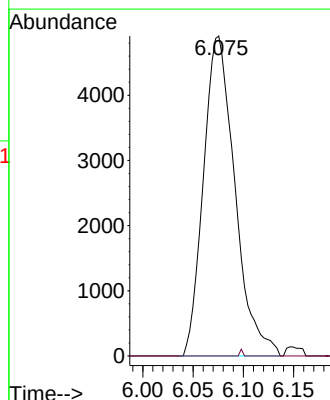
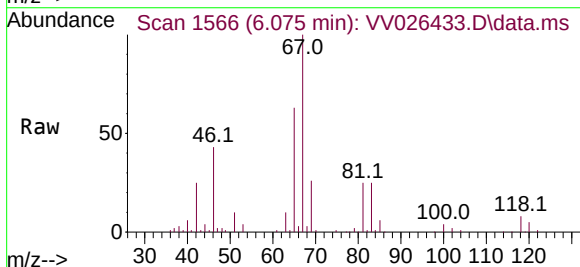
Acq: 18 Jun 2022 19:42

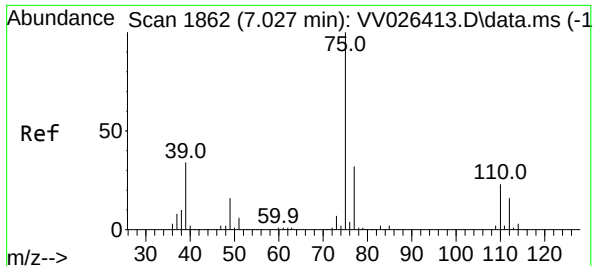
Tgt Ion: 63 Resp: 10668

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.036 min

Lab File: VV026433.D

Acq: 18 Jun 2022 19:42

Instrument :

MSVOA_V

ClientSampleId :

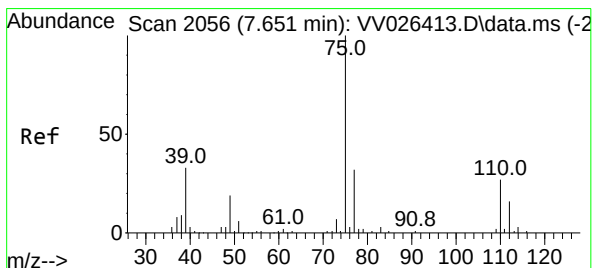
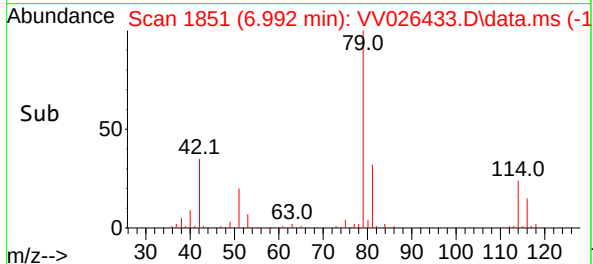
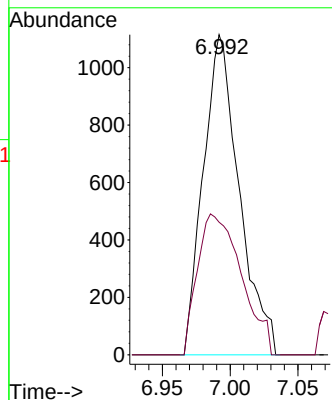
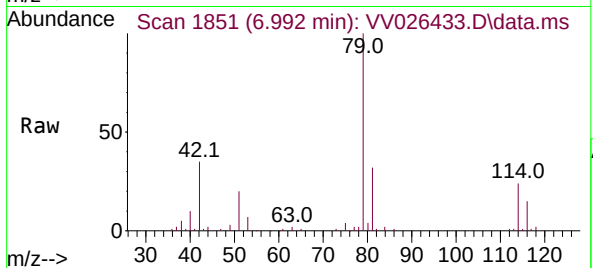
VIBLK259

Tgt Ion: 75 Resp: 2054

Ion Ratio Lower Upper

75 100

77 41.4 23.0 42.6



#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.026 min

Lab File: VV026433.D

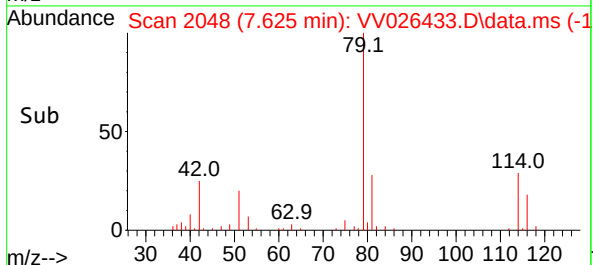
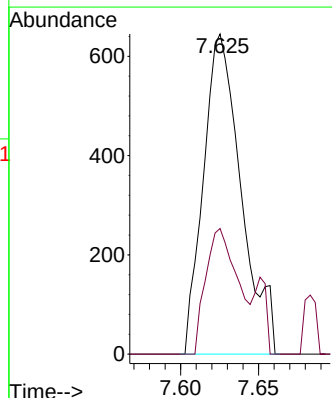
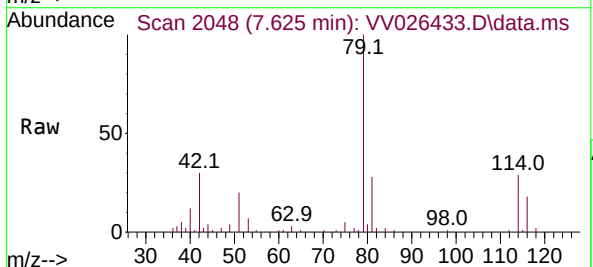
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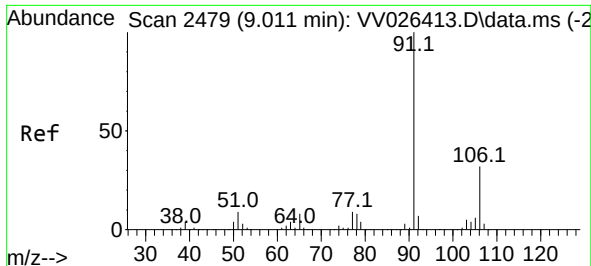
Tgt Ion: 75 Resp: 1087

Ion Ratio Lower Upper

75 100

77 39.2 23.7 43.9





#52

Ethylbenzene

Concen: 0.063 ug/L

RT: 9.021 min Scan# 24

Delta R.T. 0.009 min

Lab File: VV026433.D

Acq: 18 Jun 2022 19:42

Instrument :

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ClientSampleId :

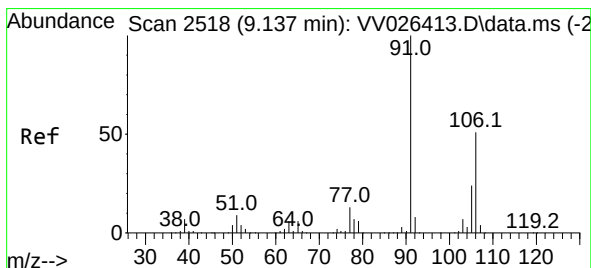
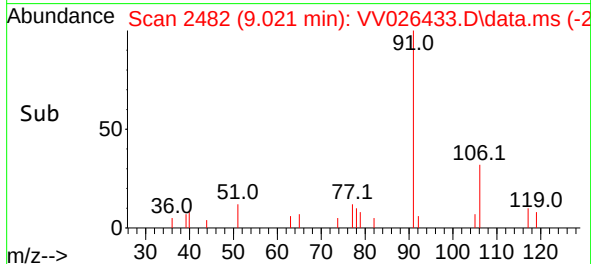
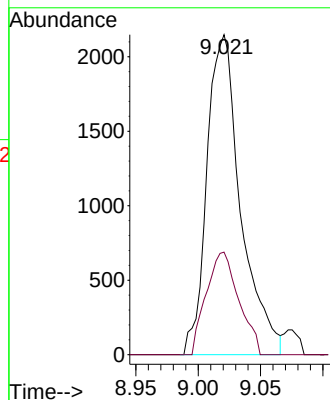
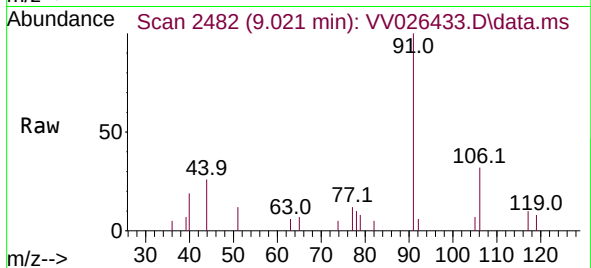
VIBLK259

Tgt Ion: 91 Resp: 4052

Ion Ratio Lower Upper

91 100

106 32.1 21.6 40.0



#53

m,p-Xylene

Concen: 0.199 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.006 min

Lab File: VV026433.D

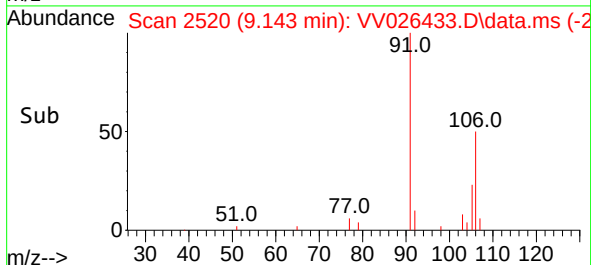
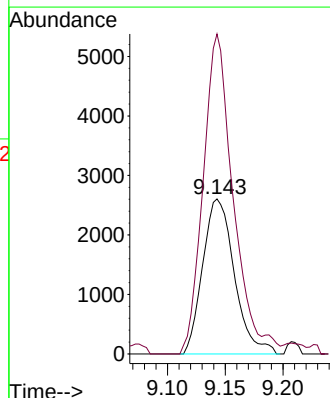
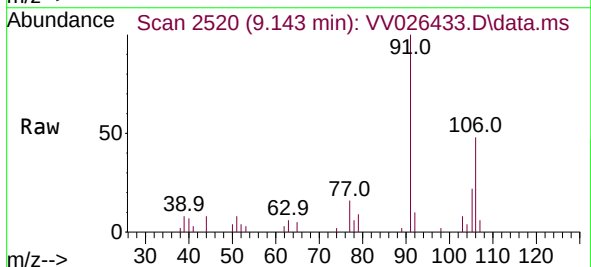
Acq: 18 Jun 2022 19:42

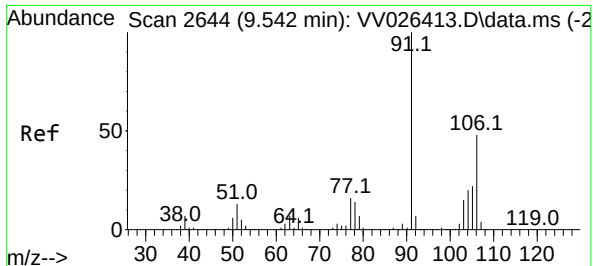
Tgt Ion: 106 Resp: 4965

Ion Ratio Lower Upper

106 100

91 206.4 141.3 262.3

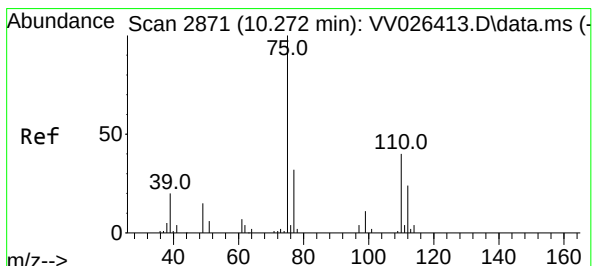
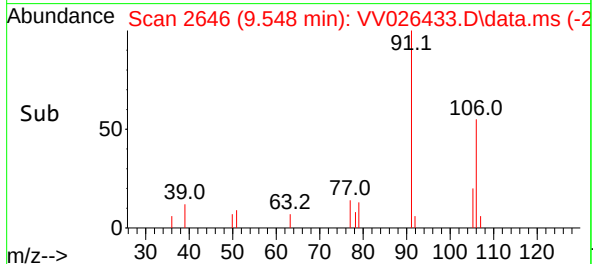
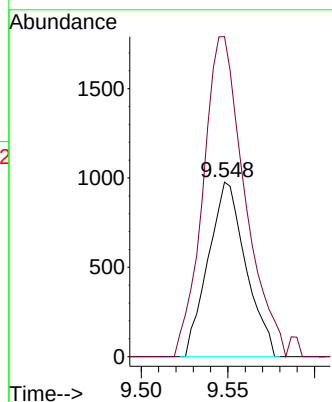
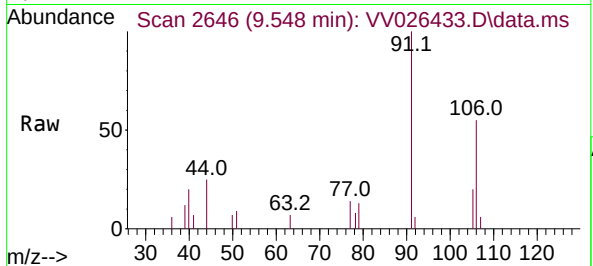




#54
o-Xylene
Concen: 0.061 ug/L
RT: 9.548 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV026433.D
Acq: 18 Jun 2022 19:42

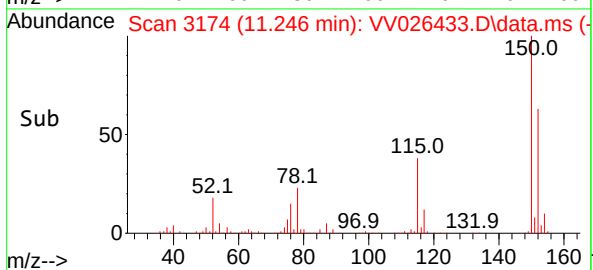
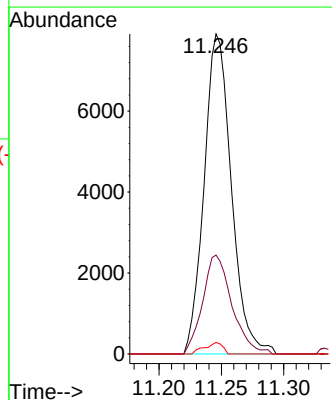
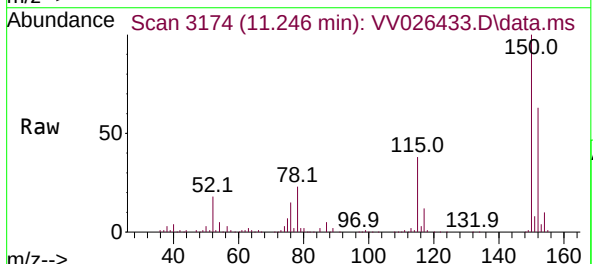
Instrument :
MSVOA_V
ClientSampleId :
VIBLK259

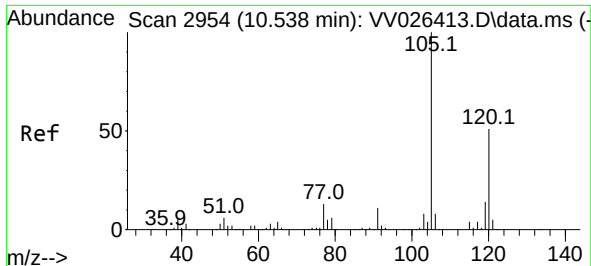
Tgt Ion:106 Resp: 1470
Ion Ratio Lower Upper
106 100
91 183.3 143.3 266.1



#61
1,2,3-Trichloropropane
Concen: 1.790 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV026433.D
Acq: 18 Jun 2022 19:42

Tgt Ion: 75 Resp: 12027
Ion Ratio Lower Upper
75 100
77 33.1 26.9 40.3
110 2.4 30.7 46.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.084 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.376 min

Lab File: VV026433.D

Acq: 18 Jun 2022 19:42

Instrument :

MSVOA_V

ClientSampleId :

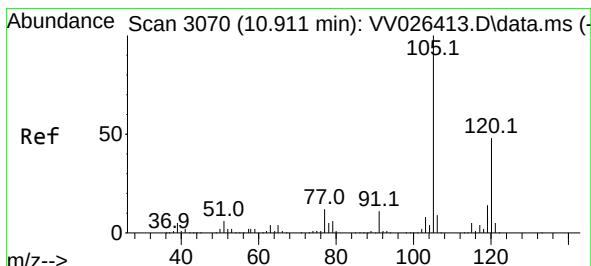
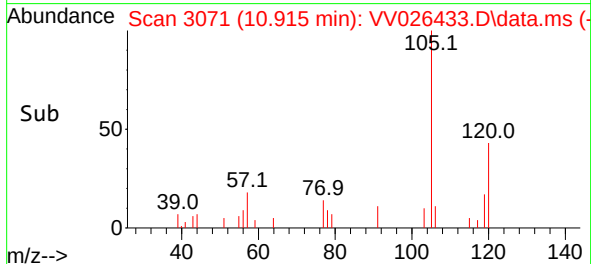
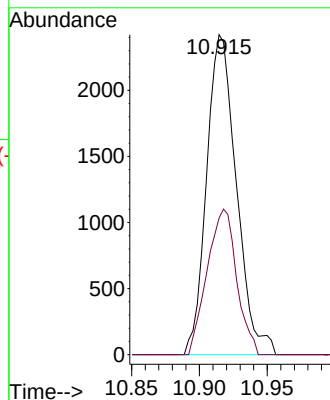
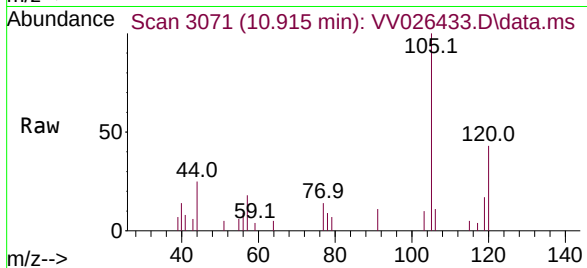
VIBLK259

Tgt Ion:105 Resp: 3695

Ion Ratio Lower Upper

105 100

120 45.0 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 0.085 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV026433.D

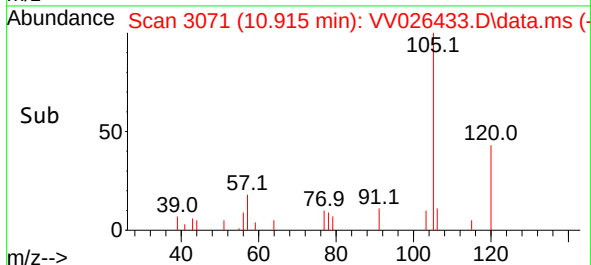
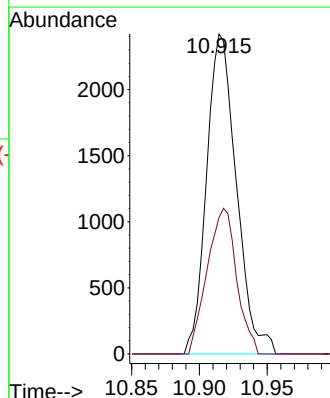
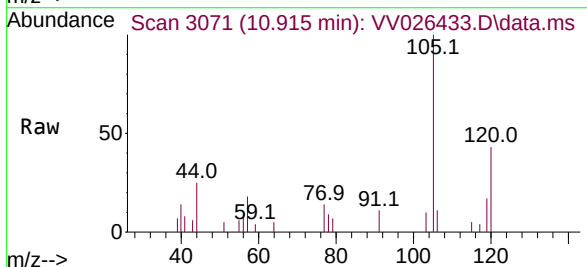
Acq: 18 Jun 2022 19:42

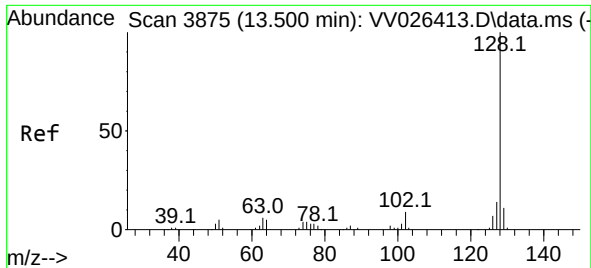
Tgt Ion:105 Resp: 3695

Ion Ratio Lower Upper

105 100

120 45.0 36.9 55.3





#71
Naphthalene
Concen: 0.231 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV026433.D
Acq: 18 Jun 2022 19:42

Instrument :
MSVOA_V
ClientSampleId :
VIBLK259

Tgt Ion:128 Resp: 4638
Ion Ratio Lower Upper
128 100
129 10.2 8.7 13.1
127 20.8 10.6 16.0#

