

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022422\
 Data File : VW024819.D
 Acq On : 24 Feb 2022 13:34
 Operator : SY/MD
 Sample : N1623-21DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 25 03:29:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 25 03:28:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	176860	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	159358	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	76554	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	76433	5.095	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.568	69	63094	5.127	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.600%
11) 1,1-Dichloroethene-d2	2.108	63	100880	3.670	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	3.889	46	118989	55.532	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.060%
24) Chloroform-d	4.349	84	123948	5.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
26) 1,2-Dichloroethane-d4	5.034	65	56762	5.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
32) Benzene-d6	5.050	84	271053	5.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.000%
36) 1,2-Dichloropropane-d6	6.069	67	83402	6.165	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	123.200%
41) Toluene-d8	7.314	98	236571	5.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.200%
43) trans-1,3-Dichloroprop...	7.622	79	23773	5.275	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.400%
46) 2-Hexanone-d5	8.088	63	99347	56.019	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.040%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44632	5.474	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	73692	5.563	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.200%
Target Compounds						
					Qvalue	
13) Acetone	2.134	43	224998	148.901	ug/L	53
15) Methyl Acetate	2.500	43	627864	158.711	ug/L #	49
16) Methylene chloride	2.497	84	2852	0.210	ug/L #	1
21) 2-Butanone	3.883	43	5990	2.565	ug/L #	49
25) Chloroform	4.400	83	9569	0.372	ug/L #	58
30) Cyclohexane	4.674	56	51630	2.380	ug/L	95
33) Benzene	5.105	78	31365	0.581	ug/L	100
35) Methylcyclohexane	6.130	83	51795	2.243	ug/L #	75
38) Bromodichloromethane	6.535	83	1197	0.075	ug/L #	26
39) cis-1,3-Dichloropropene	6.989	75	1721	0.097	ug/L #	28
40) 4-Methyl-2-pentanone	7.259	43	5828	0.961	ug/L #	71
45) 1,1,2-Trichloroethane	7.786	97	13505	1.628	ug/L #	19
52) Ethylbenzene	9.018	91	9731	0.155	ug/L	95
53) m,p-xylene	9.143	106	3049	0.129	ug/L	98
60) Isopropylbenzene	9.931	105	64694	1.022	ug/L	100
61) 1,2,3-Trichloropropane	10.352	75	3043	0.439	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.538	105	60904	1.154	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	685749	13.087	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.413	75	1811	1.527	ug/L #	7

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022422\
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 25 03:28:05 2022
Response via : Initial Calibration

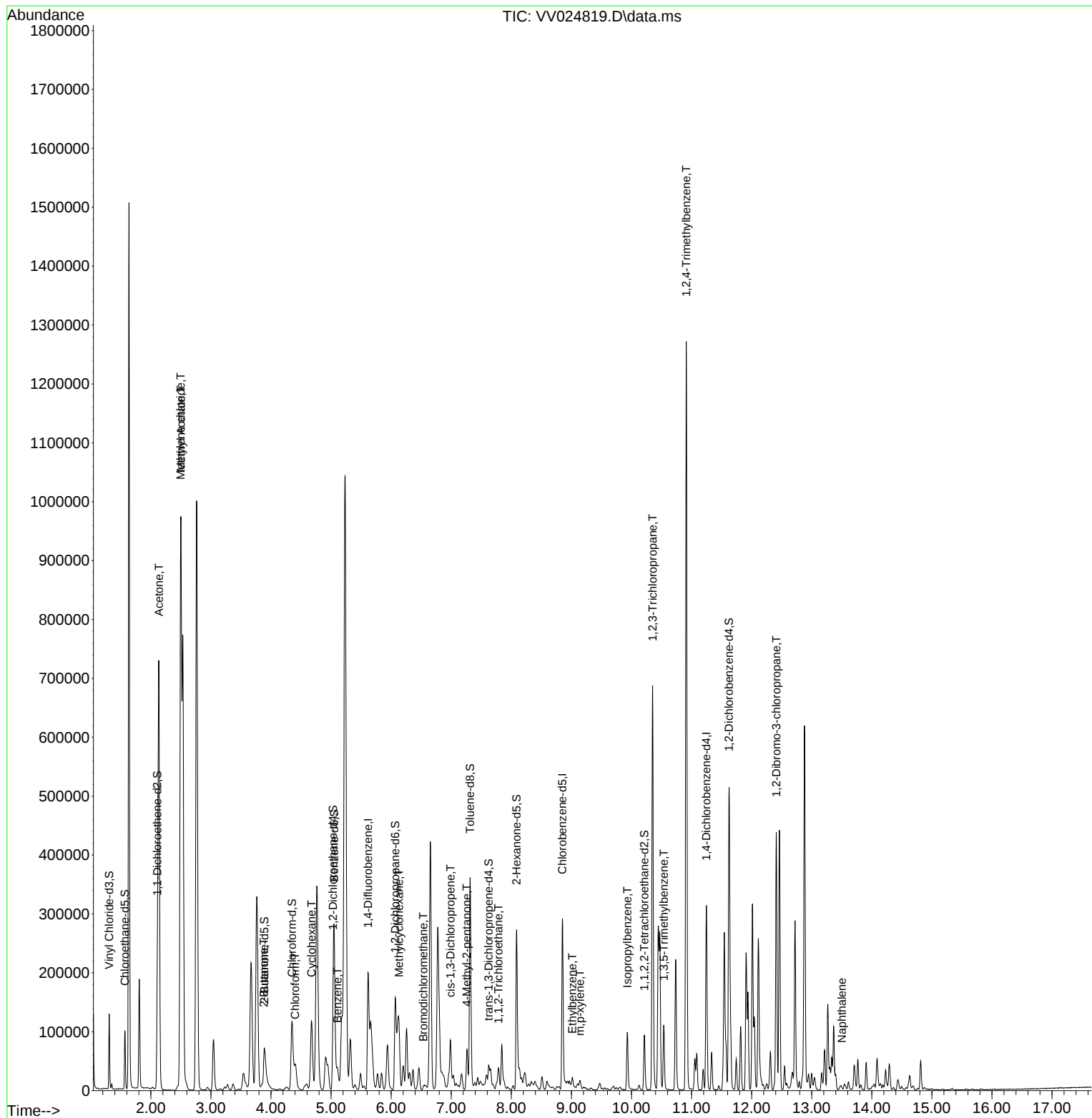
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Naphthalene	13.503	128	2851	0.112	ug/L	# 76

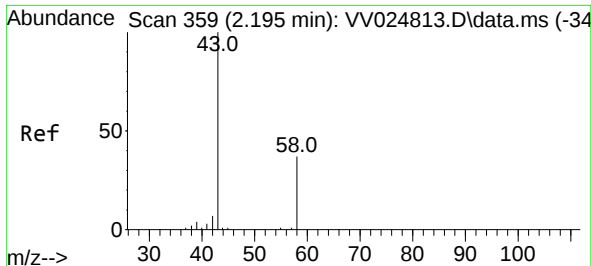
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 148.901 ug/L

RT: 2.134 min Scan# 34

Delta R.T. -0.061 min

Lab File: VV024819.D

Acq: 24 Feb 2022 13:34

Instrument :

MSVOA_V

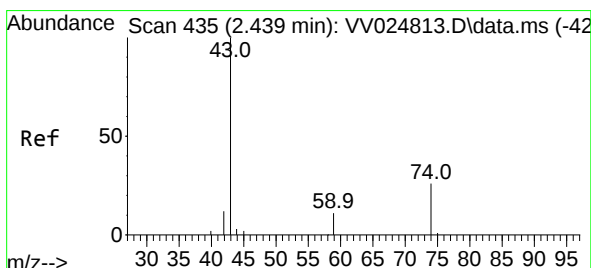
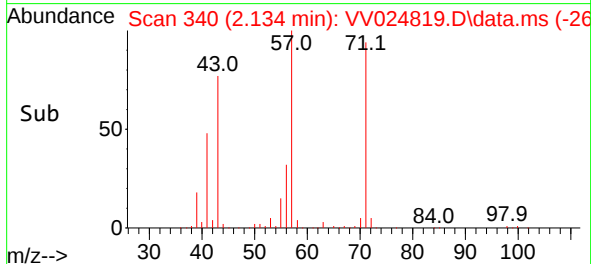
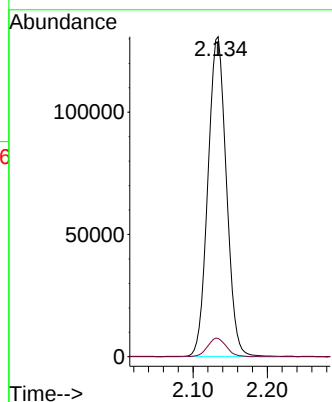
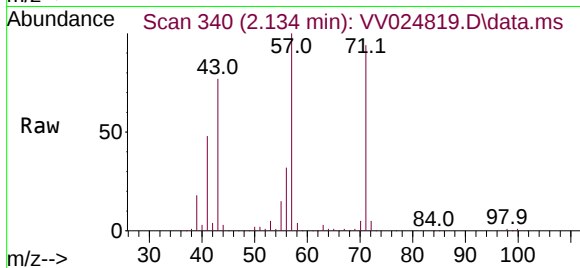
ClientSampleId :

Tgt Ion: 43 Resp: 224998

Ion Ratio Lower Upper

43 100

58 5.9 0.0 63.6



#15

Methyl Acetate

Concen: 158.711 ug/L

RT: 2.500 min Scan# 454

Delta R.T. 0.061 min

Lab File: VV024819.D

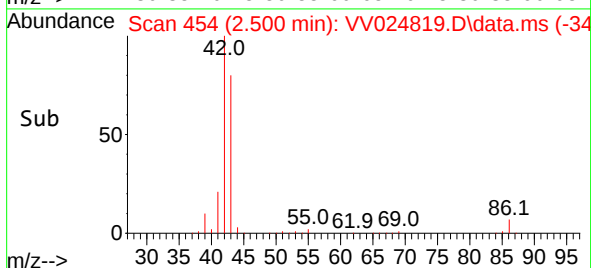
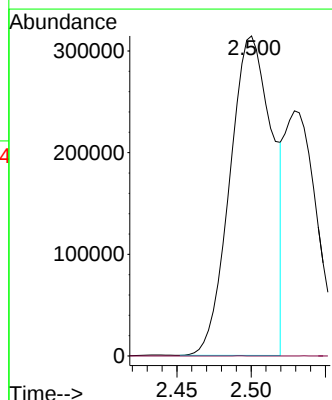
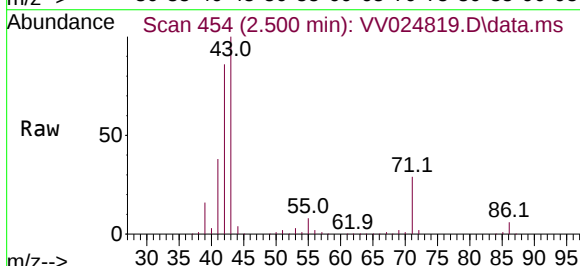
Acq: 24 Feb 2022 13:34

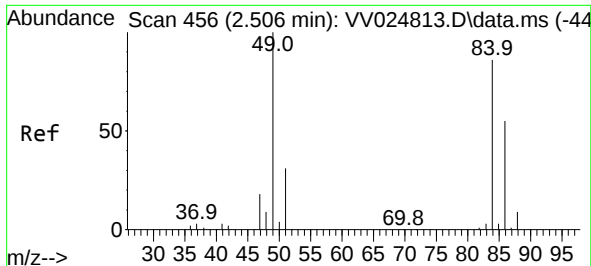
Tgt Ion: 43 Resp: 627864

Ion Ratio Lower Upper

43 100

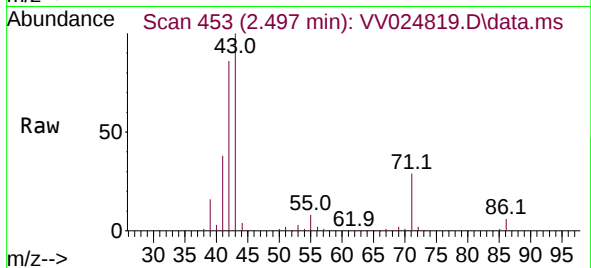
74 0.0 20.8 31.2#



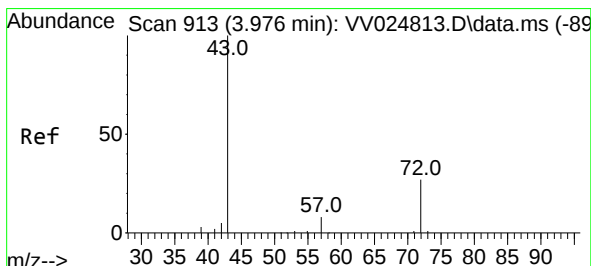
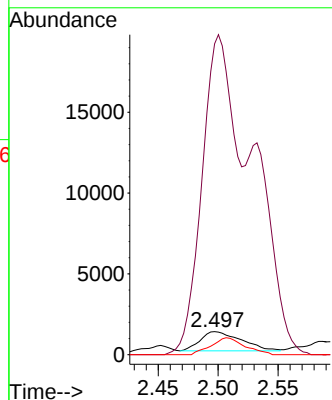
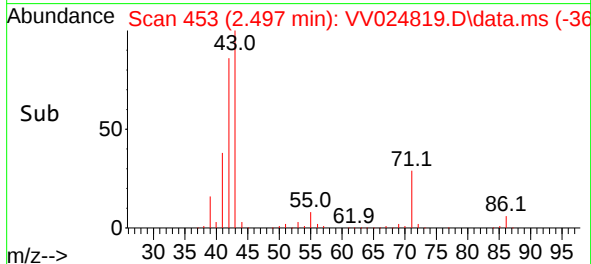


#16
Methylene chloride
Concen: 0.210 ug/L
RT: 2.497 min Scan# 41
Delta R.T. -0.009 min
Lab File: VV024819.D
Acq: 24 Feb 2022 13:34

Instrument :
MSVOA_V
ClientSampleId :

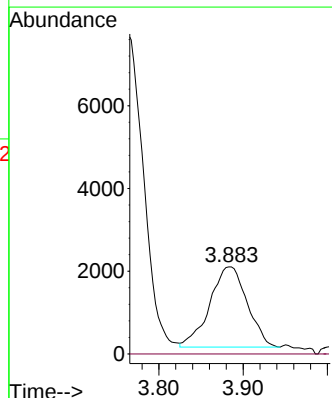
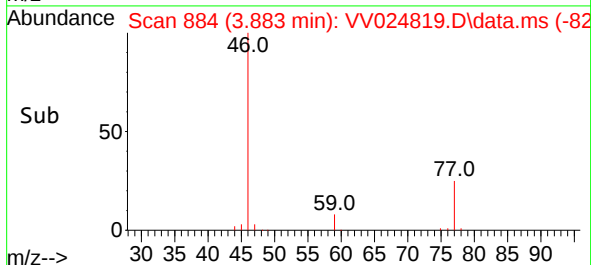
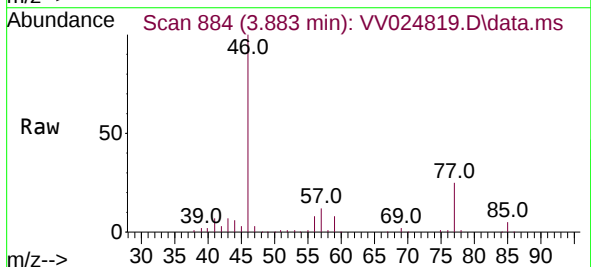


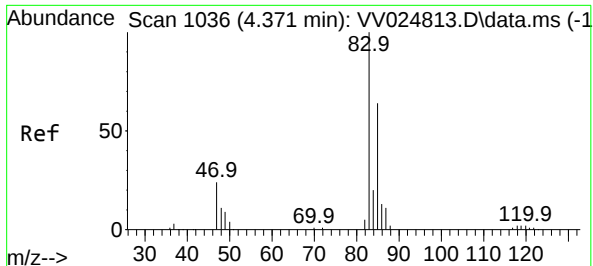
Tgt Ion: 84 Resp: 2852
Ion Ratio Lower Upper
84 100
86 1347.7 45.1 83.7#
49 46.4 83.5 155.1#



#21
2-Butanone
Concen: 2.565 ug/L
RT: 3.883 min Scan# 884
Delta R.T. -0.093 min
Lab File: VV024819.D
Acq: 24 Feb 2022 13:34

Tgt Ion: 43 Resp: 5990
Ion Ratio Lower Upper
43 100
72 0.0 13.2 39.6#





#25

Chloroform

Concen: 0.372 ug/L

RT: 4.400 min Scan# 1104

Delta R.T. 0.029 min

Lab File: VV024819.D

Acq: 24 Feb 2022 13:34

Instrument :

MSVOA_V

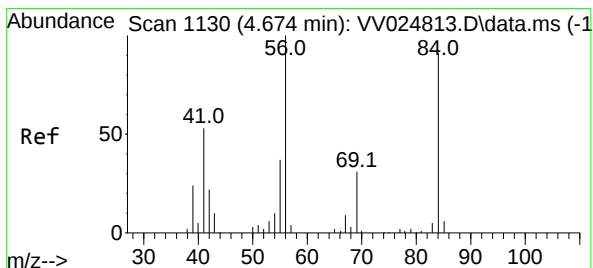
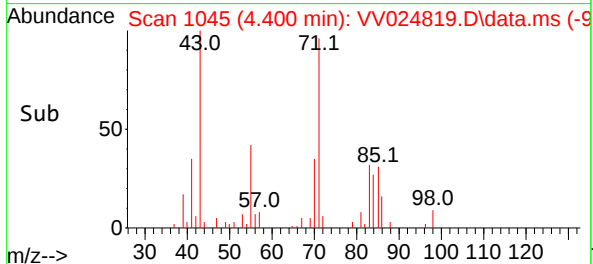
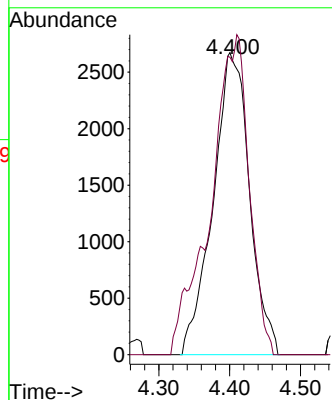
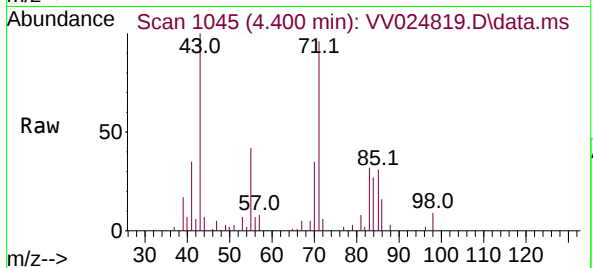
ClientSampleId :

Tgt Ion: 83 Resp: 9569

Ion Ratio Lower Upper

83 100

85 98.5 45.5 84.5#



#30

Cyclohexane

Concen: 2.380 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VV024819.D

Acq: 24 Feb 2022 13:34

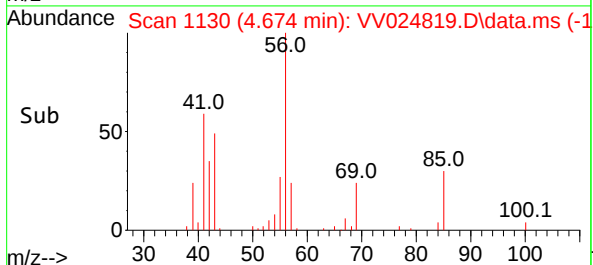
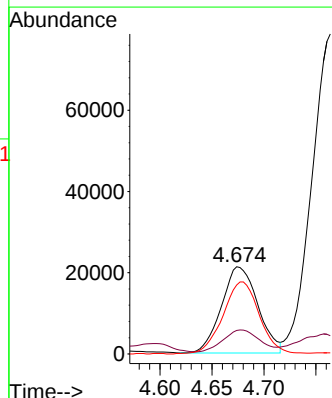
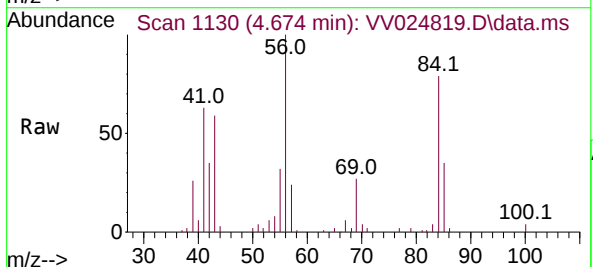
Tgt Ion: 56 Resp: 51630

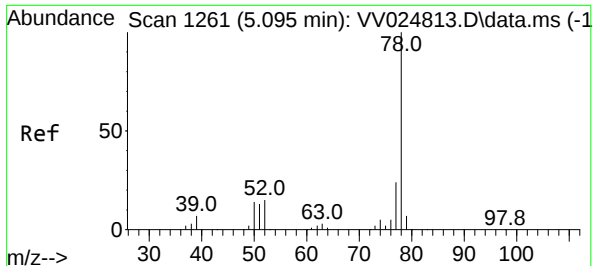
Ion Ratio Lower Upper

56 100

69 29.6 24.6 37.0

84 83.9 71.4 107.0





#33

Benzene

Concen: 0.581 ug/L

RT: 5.105 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV024819.D

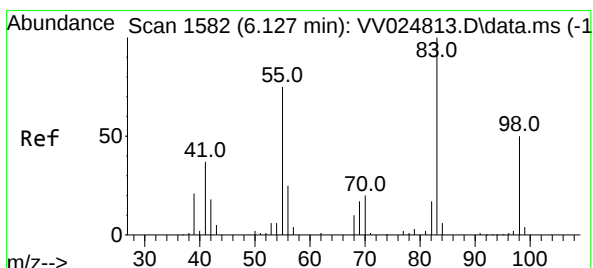
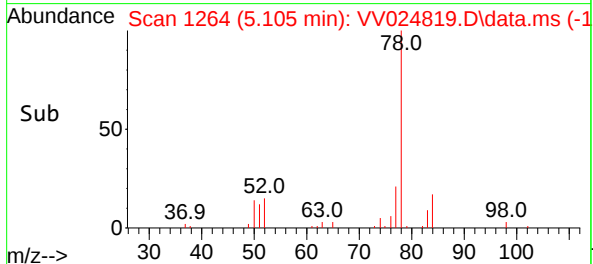
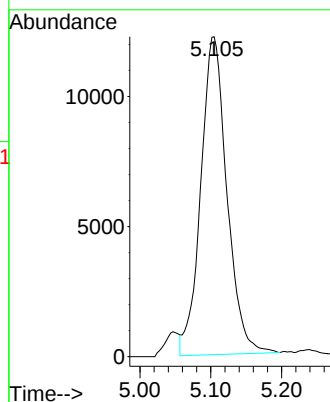
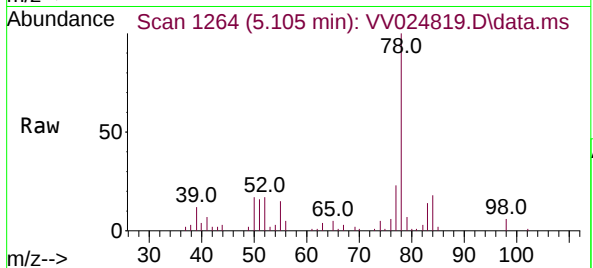
Acq: 24 Feb 2022 13:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 31365



#35

Methylcyclohexane

Concen: 2.243 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV024819.D

Acq: 24 Feb 2022 13:34

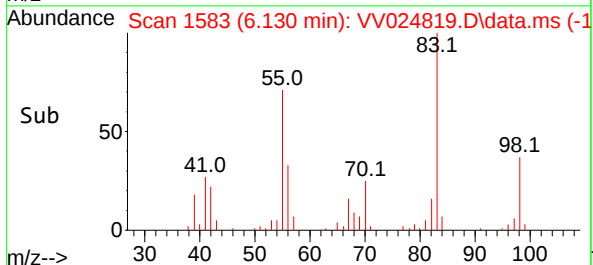
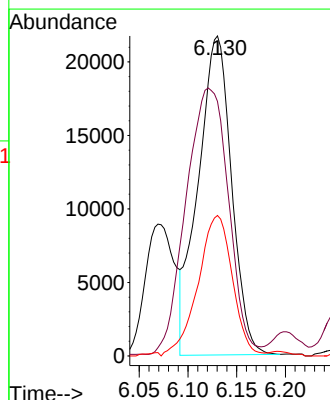
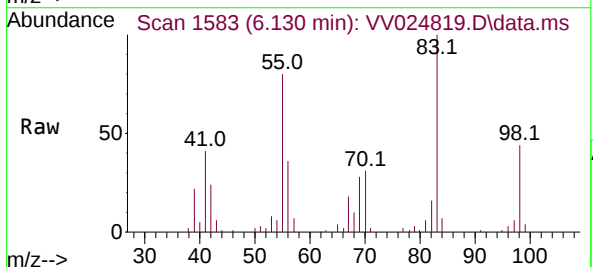
Tgt Ion: 83 Resp: 51795

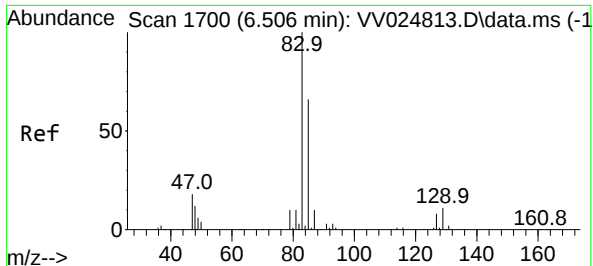
Ion Ratio Lower Upper

83 100

55 105.7 58.8 88.2#

98 45.3 38.6 58.0





#38

Bromodichloromethane

Concen: 0.075 ug/L

RT: 6.535 min Scan# 1

Delta R.T. 0.029 min

Lab File: VV024819.D

Acq: 24 Feb 2022 13:34

Instrument :

MSVOA_V

ClientSampleId :

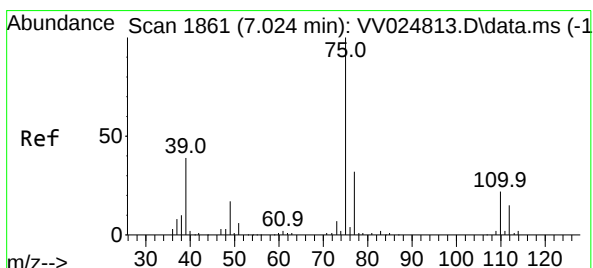
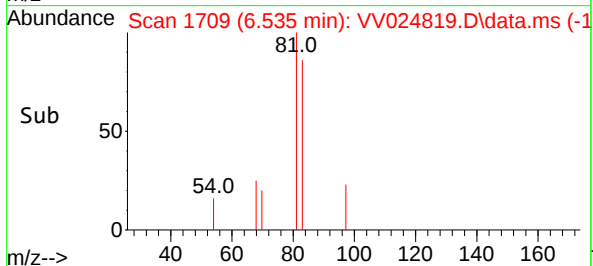
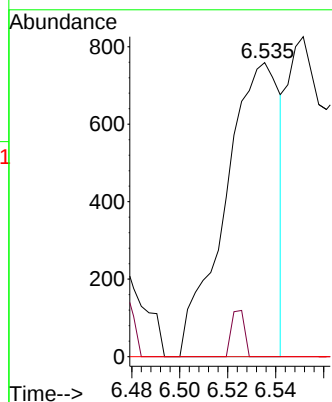
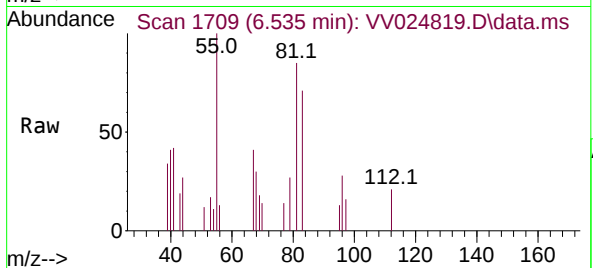
Tgt Ion: 83 Resp: 1197

Ion Ratio Lower Upper

83 100

85 0.0 43.5 80.9#

127 0.0 6.6 10.0#



#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV024819.D

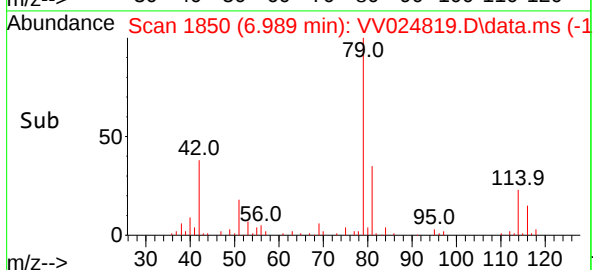
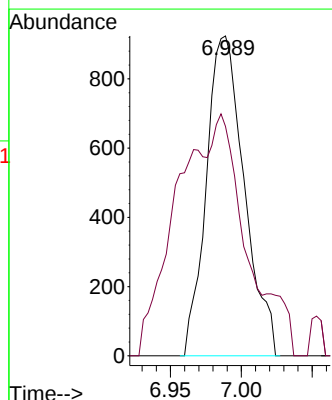
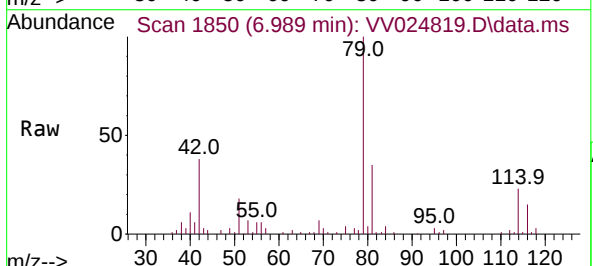
Acq: 24 Feb 2022 13:34

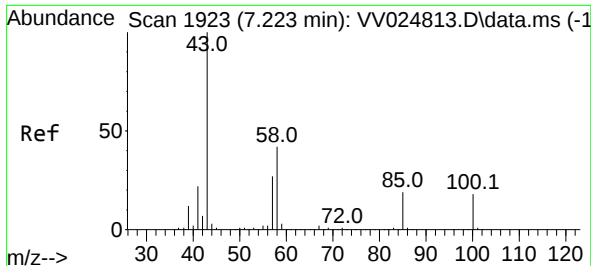
Tgt Ion: 75 Resp: 1721

Ion Ratio Lower Upper

75 100

77 71.8 22.3 41.5#





#40

4-Methyl-2-pentanone

Concen: 0.961 ug/L

RT: 7.259 min Scan# 1923

Delta R.T. 0.036 min

Lab File: VV024819.D

Acq: 24 Feb 2022 13:34

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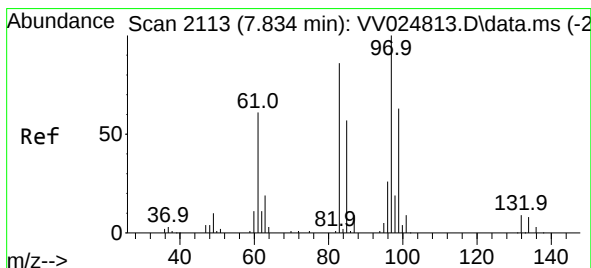
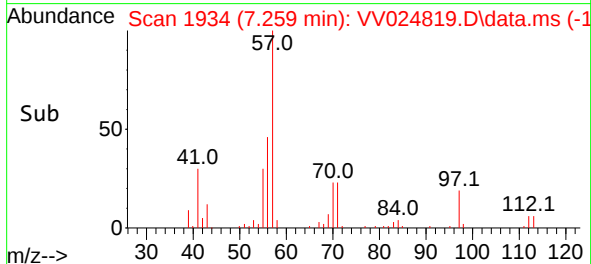
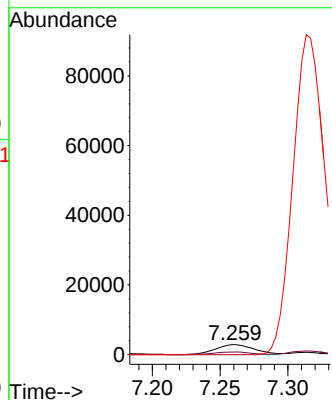
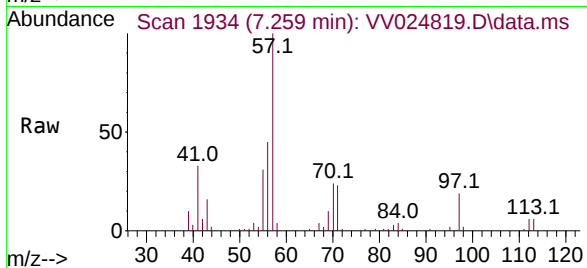
Tgt Ion: 43 Resp: 5828

Ion Ratio Lower Upper

43 100

58 25.3 33.0 49.6#

100 0.0 13.3 19.9#



#45

1,1,2-Trichloroethane

Concen: 1.628 ug/L

RT: 7.786 min Scan# 2098

Delta R.T. -0.048 min

Lab File: VV024819.D

Acq: 24 Feb 2022 13:34

Tgt Ion: 97 Resp: 13505

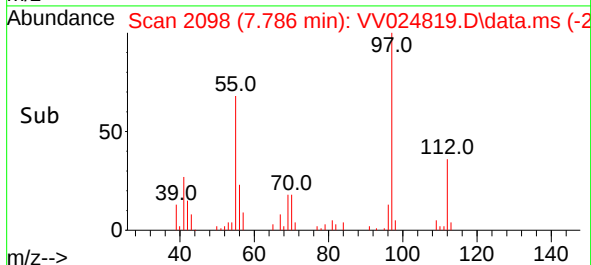
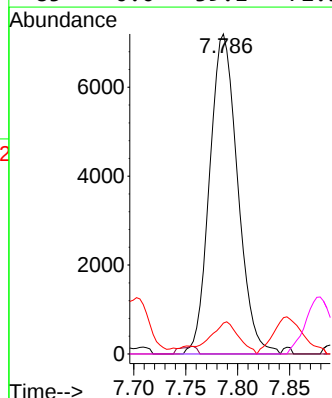
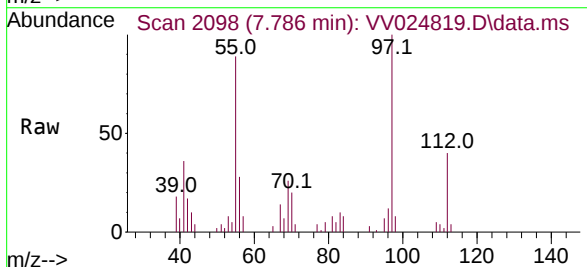
Ion Ratio Lower Upper

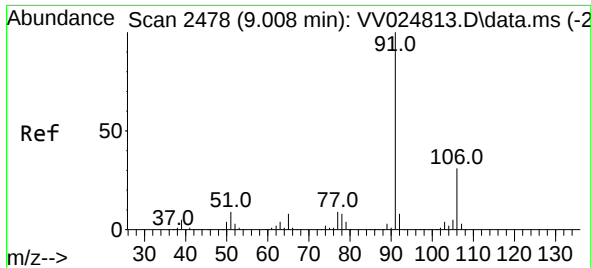
97 100

99 0.0 43.8 81.3#

83 9.7 61.3 113.9#

85 0.0 39.1 72.5#

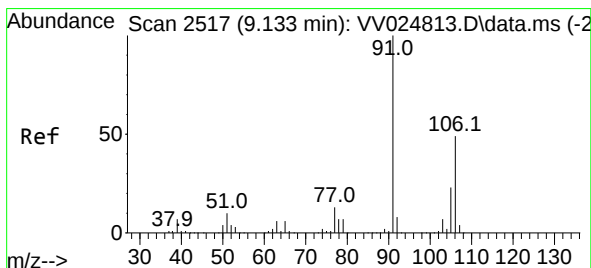
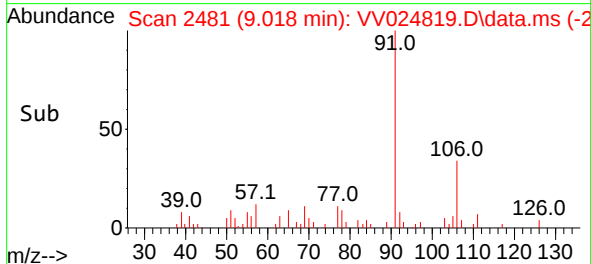
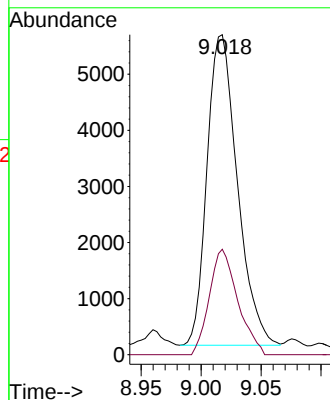
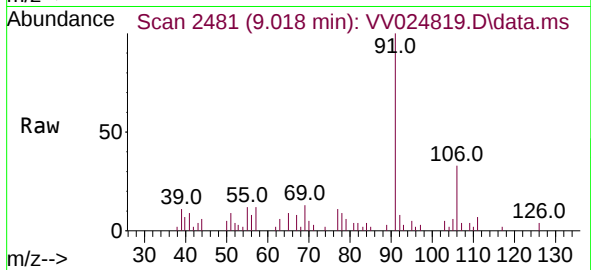




#52
Ethylbenzene
Concen: 0.155 ug/L
RT: 9.018 min Scan# 2478
Delta R.T. 0.010 min
Lab File: VV024819.D
Acq: 24 Feb 2022 13:34

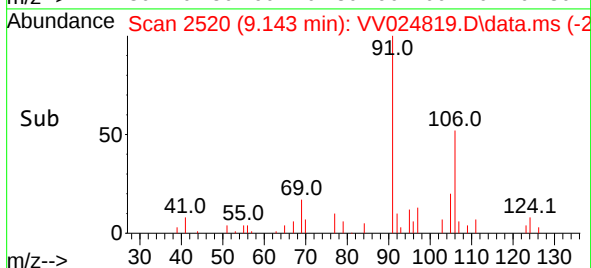
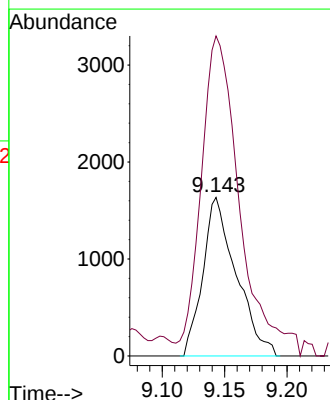
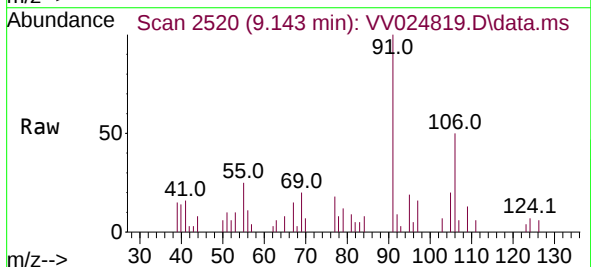
Instrument :
MSVOA_V
ClientSampleId :

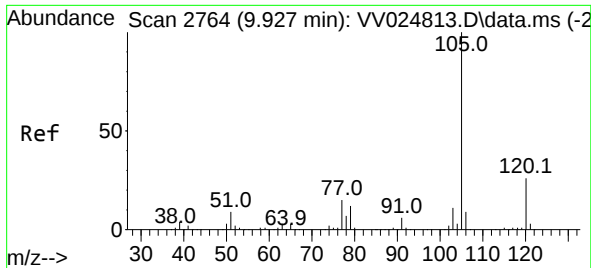
Tgt Ion: 91 Resp: 9731
Ion Ratio Lower Upper
91 100
106 32.9 21.3 39.5



#53
m,p-xylene
Concen: 0.129 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.010 min
Lab File: VV024819.D
Acq: 24 Feb 2022 13:34

Tgt Ion: 106 Resp: 3049
Ion Ratio Lower Upper
106 100
91 201.7 143.6 266.6

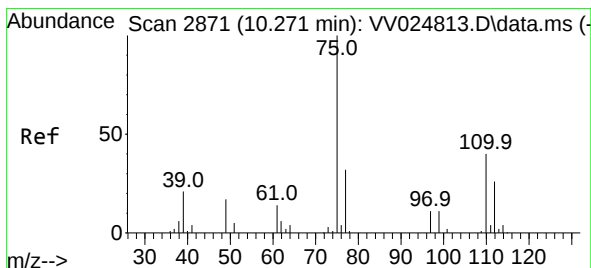
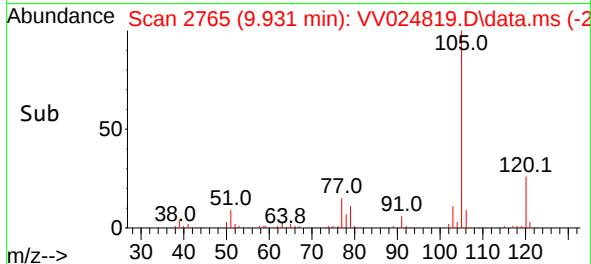
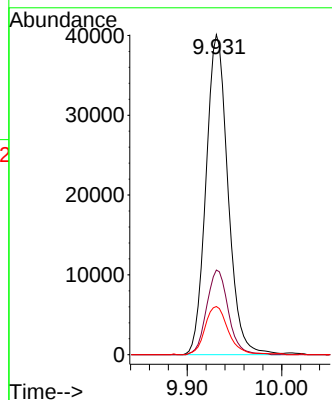
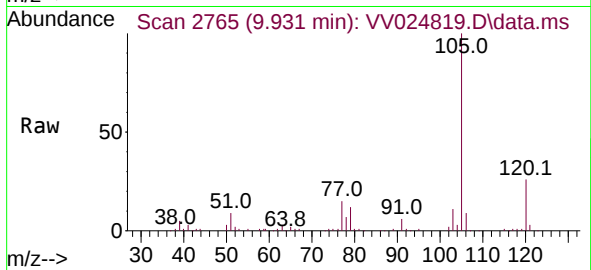




#60
Isopropylbenzene
Concen: 1.022 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024819.D
Acq: 24 Feb 2022 13:34

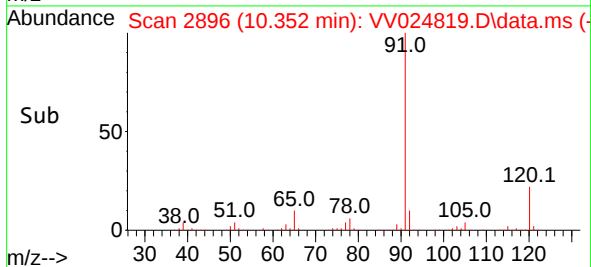
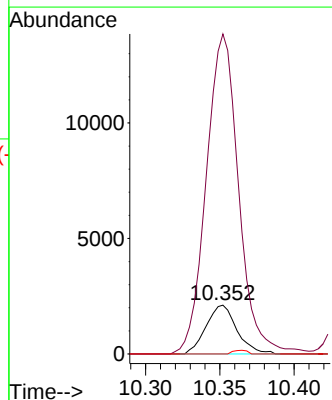
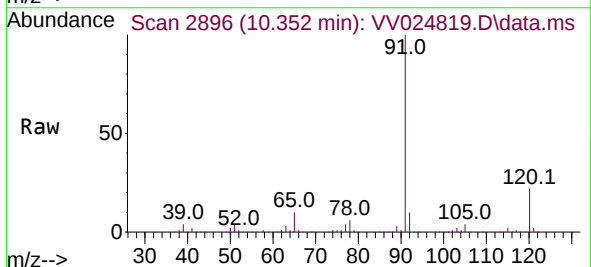
Instrument :
MSVOA_V
ClientSampleId :

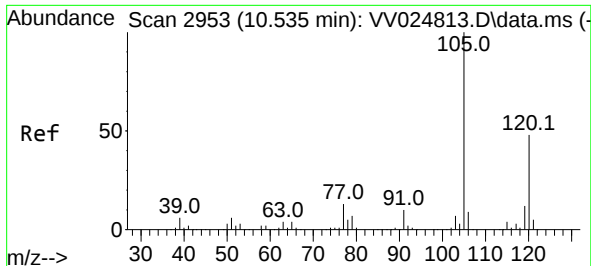
Tgt Ion:105 Resp: 64694
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1
77 16.0 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 0.439 ug/L
RT: 10.352 min Scan# 2896
Delta R.T. 0.081 min
Lab File: VV024819.D
Acq: 24 Feb 2022 13:34

Tgt Ion: 75 Resp: 3043
Ion Ratio Lower Upper
75 100
77 693.2 26.3 39.5#
110 3.5 30.3 45.5#





#62

1,3,5-Trimethylbenzene

Concen: 1.154 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV024819.D

Acq: 24 Feb 2022 13:34

Instrument :

MSVOA_V

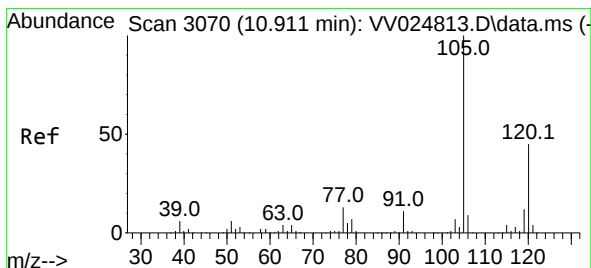
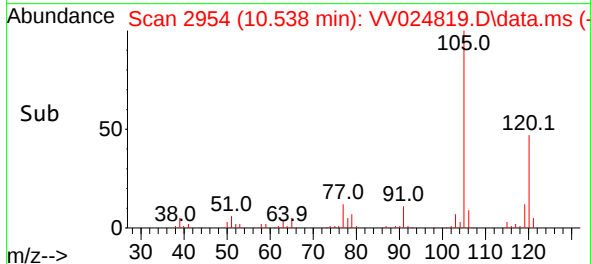
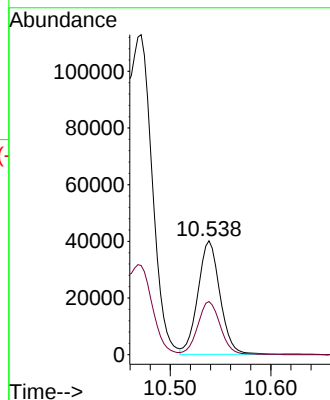
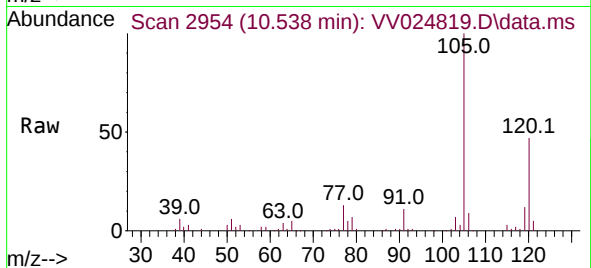
ClientSampleId :

Tgt Ion:105 Resp: 60904

Ion Ratio Lower Upper

105 100

120 48.3 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 13.087 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024819.D

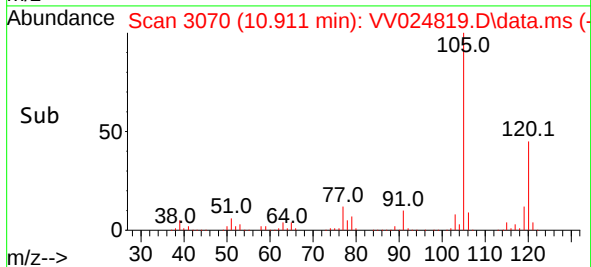
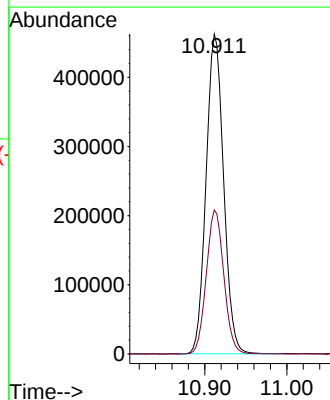
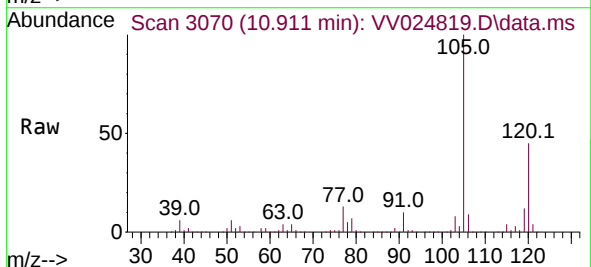
Acq: 24 Feb 2022 13:34

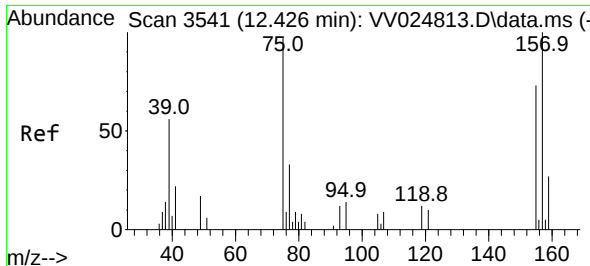
Tgt Ion:105 Resp: 685749

Ion Ratio Lower Upper

105 100

120 45.1 35.9 53.9





#68

1,2-Dibromo-3-chloropropane

Concen: 1.527 ug/L

RT: 12.413 min Scan# 3537

Delta R.T. -0.013 min

Lab File: VV024819.D

Acq: 24 Feb 2022 13:34

Instrument :

MSVOA_V

ClientSampleId :

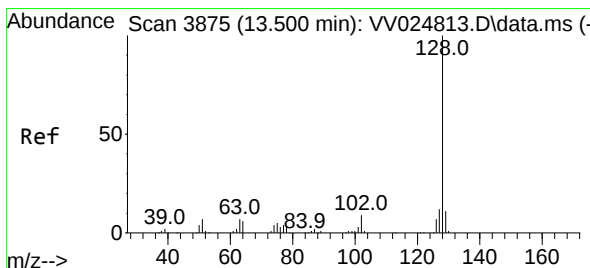
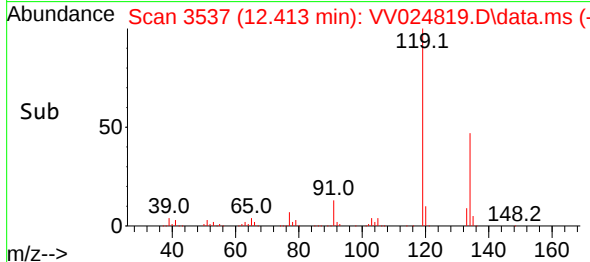
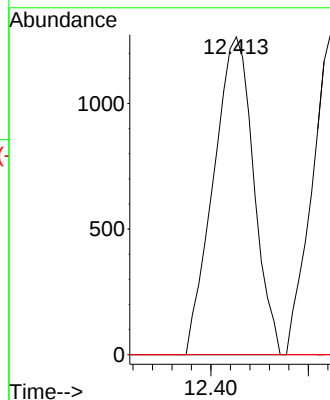
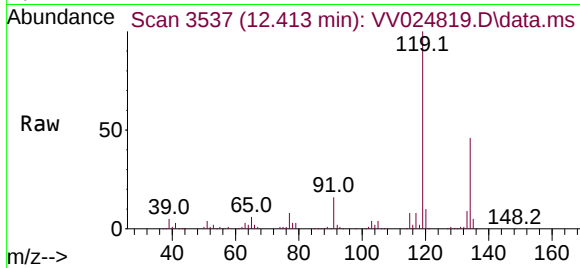
Tgt Ion: 75 Resp: 1811

Ion Ratio Lower Upper

75 100

155 0.0 61.7 92.5#

157 0.0 73.5 110.3#



#71

Naphthalene

Concen: 0.112 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.003 min

Lab File: VV024819.D

Acq: 24 Feb 2022 13:34

Tgt Ion: 128 Resp: 2851

Ion Ratio Lower Upper

128 100

129 0.0 8.4 12.6#

127 4.8 10.2 15.2#

