

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080822\
 Data File : VV027244.D
 Acq On : 08 Aug 2022 13:03
 Operator : SY/MD
 Sample : N4008-08ME
 Misc : 6.11g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0ZF2ME

Quant Time: Aug 09 02:30:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 09 02:29:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	604730	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	587172	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	322217	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.297	65	193478	46.927	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	93.860%	
7) Chloroethane-d5	1.751	69	1250	0.415	ug/L	0.20
Spiked Amount 50.000	Range 70	- 130	Recovery	=	0.820%#	
11) 1,1-Dichloroethene-d2	2.150	63	208	0.028	ug/L	0.05
Spiked Amount 50.000	Range 60	- 125	Recovery	=	0.060%#	
21) 2-Butanone-d5	3.886	46	244130	66.522	ug/L	0.02
Spiked Amount 100.000	Range 40	- 130	Recovery	=	66.520%	
24) Chloroform-d	4.336	84	357076	42.281	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	84.560%	
26) 1,2-Dichloroethane-d4	5.021	65	243071	46.357	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	92.720%	
32) Benzene-d6	5.034	84	747868	53.113	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	106.220%	
36) 1,2-Dichloropropane-d6	6.063	67	268684	53.643	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	107.280%	
41) Toluene-d8	7.310	98	683918	56.983	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	113.960%	
43) trans-1,3-Dichloroprop...	7.619	79	116055	53.158	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	106.320%	
47) 2-Hexanone-d5	8.095	63	263930	109.405	ug/L	0.01
Spiked Amount 100.000	Range 45	- 130	Recovery	=	109.400%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	435417	53.344	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	106.680%	
66) 1,2-Dichlorobenzene-d4	11.625	152	294115	52.857	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	105.720%	
Target Compounds						
					Qvalue	
13) Acetone	2.178	43	7154	2.528	ug/L	86
29) Cyclohexane	4.651	56	34372	5.083	ug/L #	71
35) Methylcyclohexane	6.117	83	236142	33.239	ug/L #	88
42) Toluene	7.384	91	259115	13.506	ug/L	99
48) 2-Hexanone	8.075	43	224419	37.365	ug/L #	24
52) Ethylbenzene	9.011	91	197306	9.967	ug/L	99
53) m,p-Xylene	9.133	106	1082906	144.744	ug/L	96
54) o-Xylene	9.541	106	441976	60.638	ug/L	95
55) Styrene	9.541	104	22944	1.787	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	10.239	83	171140	20.051	ug/L #	35
60) Isopropylbenzene	9.931	105	185791	9.150	ug/L	97
62) 1,3,5-Trimethylbenzene	10.541	105	1909822	113.888	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	4923152	299.686	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	32632	15.724	ug/L #	12
71) Naphthalene	13.506	128	5846228	310.988	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.699	180	24490	4.025	ug/L #	68

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C0ZF2ME

Quant Time: Aug 09 02:30:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 09 02:29:12 2022
Response via : Initial Calibration

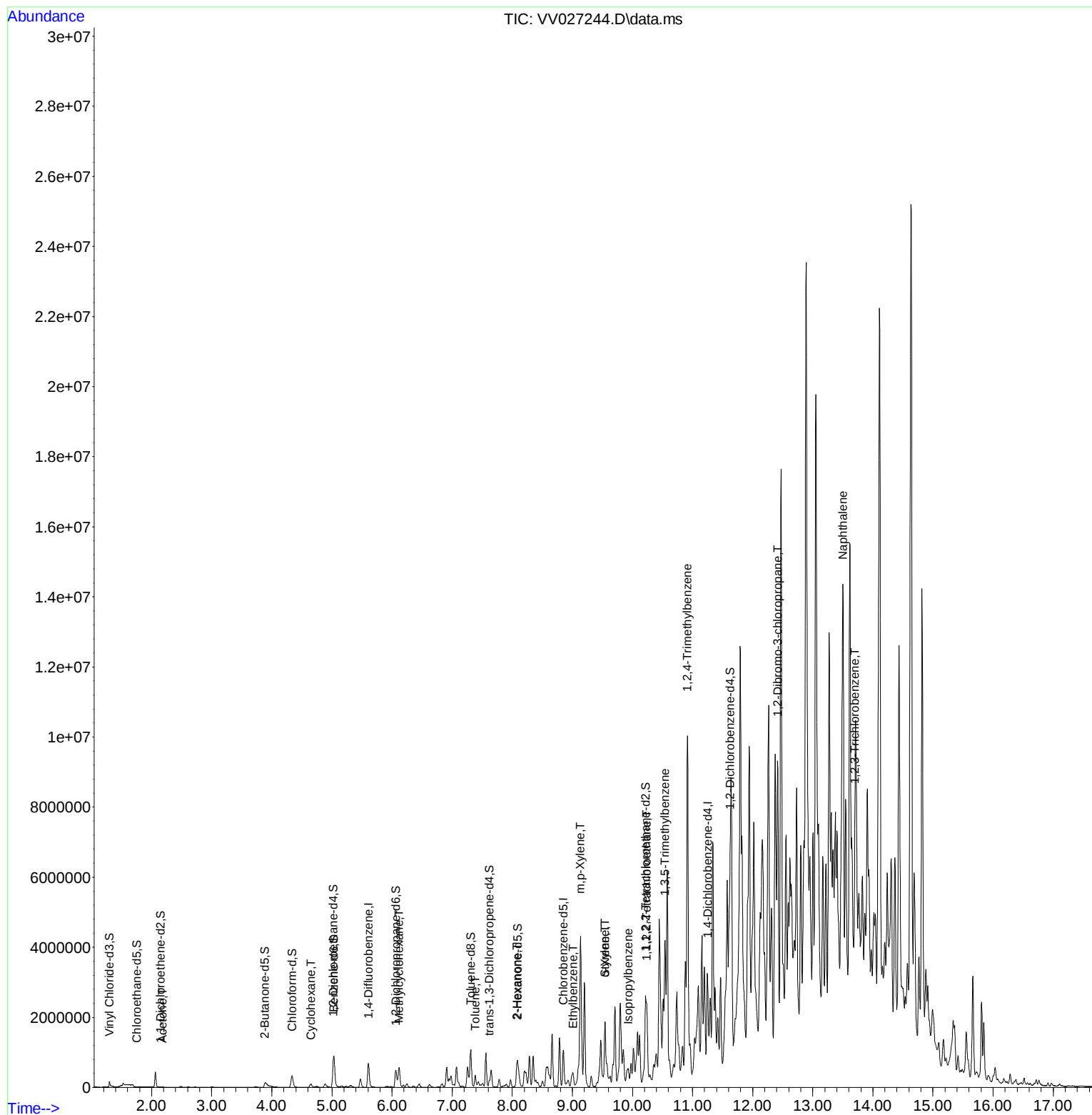
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

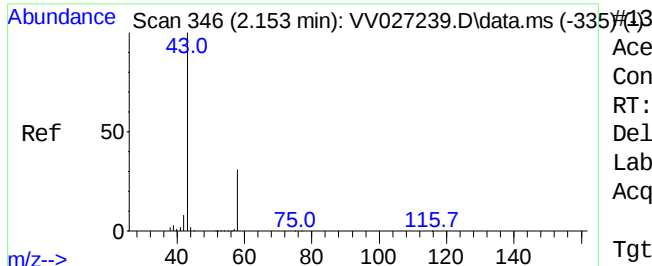
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080822\
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Quant Time: Aug 09 02:30:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 09 02:29:12 2022
Response via : Initial Calibration





Acetone

Concen: 2.528 ug/L

RT: 2.178 min Scan# 1123

Delta R.T. 0.026 min

Lab File: VV027244.D

Acq: 08 Aug 2022 13:03

Instrument :

MSVOA_V

ClientSampleId :

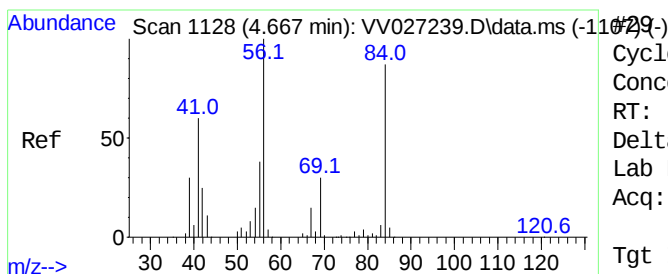
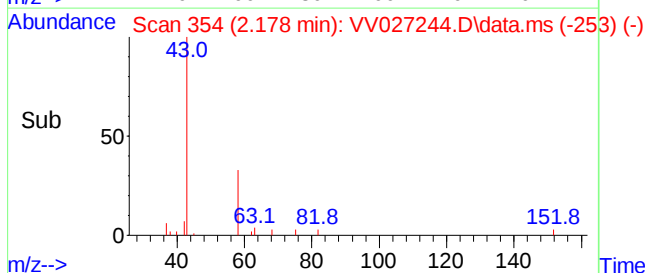
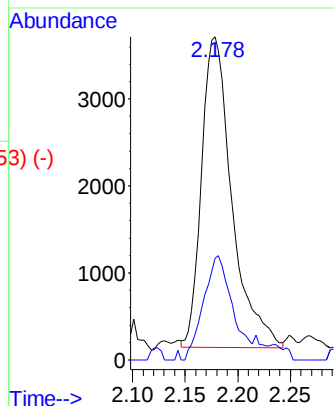
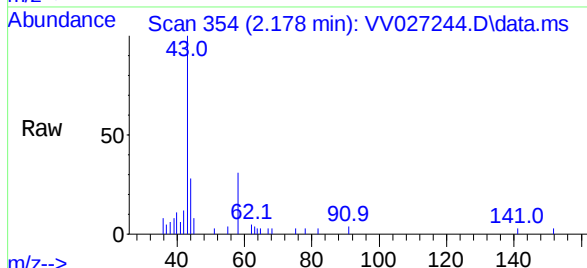
C0ZF2ME

Tgt Ion: 43 Resp: 7154

Ion Ratio Lower Upper

43 100

58 31.9 0.0 49.6



Cyclohexane

Concen: 5.083 ug/L

RT: 4.651 min Scan# 1123

Delta R.T. -0.016 min

Lab File: VV027244.D

Acq: 08 Aug 2022 13:03

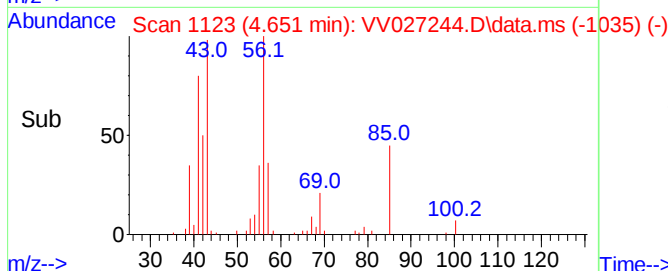
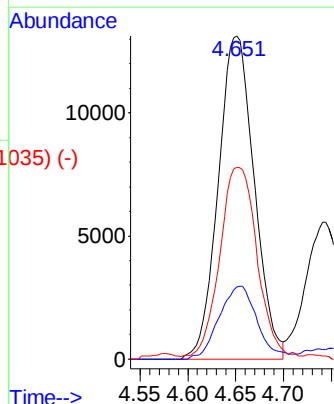
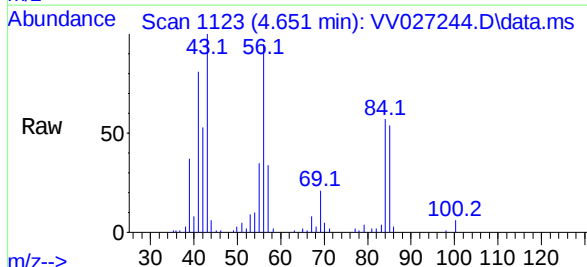
Tgt Ion: 56 Resp: 34372

Ion Ratio Lower Upper

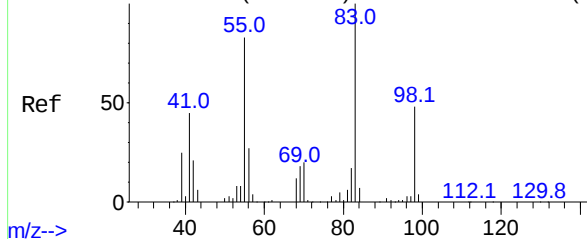
56 100

69 24.0 25.9 38.9#

84 61.6 75.3 112.9#



Abundance Scan 1581 (6.124 min): VV027239.D\data.ms (-15695)



Methylcyclohexane

Concen: 33.239 ug/L

RT: 6.117 min Scan# 1581

Delta R.T. -0.007 min

Lab File: VV027244.D

Acq: 08 Aug 2022 13:03

Instrument :

MSVOA_V

ClientSampleId :

C0ZF2ME

Tgt Ion: 83 Resp: 236142

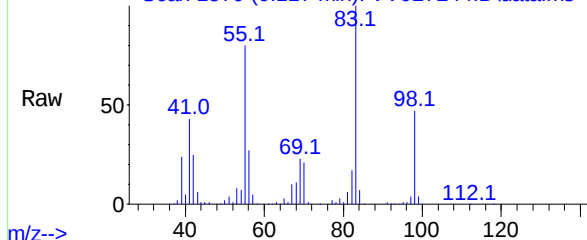
Ion Ratio Lower Upper

83 100

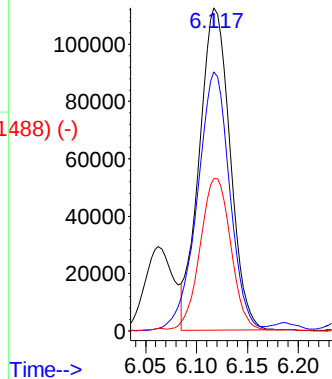
55 84.4 55.5 83.3#

98 46.9 39.0 58.4

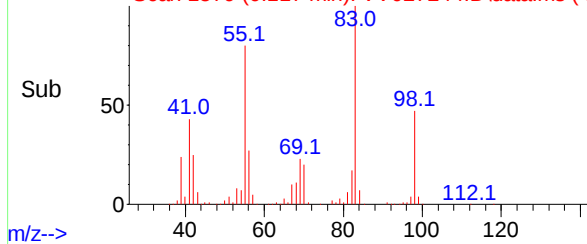
Abundance Scan 1579 (6.117 min): VV027244.D\data.ms



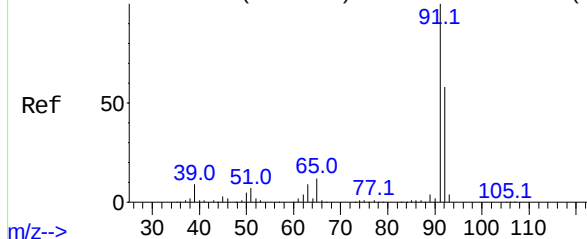
Abundance



Abundance Scan 1579 (6.117 min): VV027244.D\data.ms (-1488) (-)



Abundance Scan 1972 (7.381 min): VV027239.D\data.ms (-19542)



Toluene

Concen: 13.506 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV027244.D

Acq: 08 Aug 2022 13:03

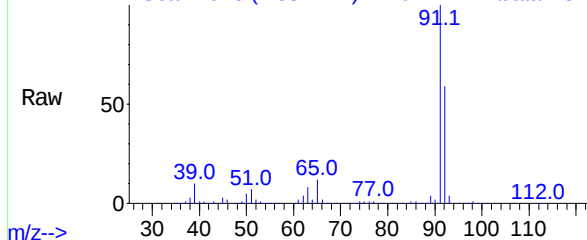
Tgt Ion: 91 Resp: 259115

Ion Ratio Lower Upper

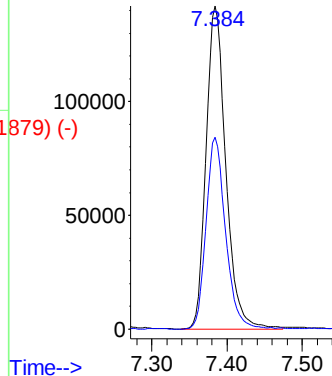
91 100

92 59.5 40.9 76.0

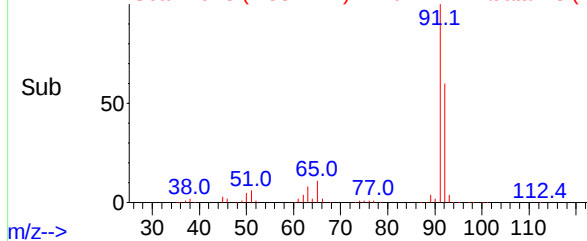
Abundance Scan 1973 (7.384 min): VV027244.D\data.ms



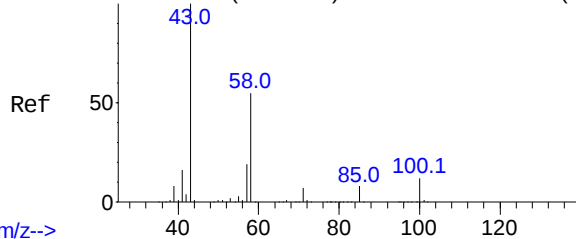
Abundance



Abundance Scan 1973 (7.384 min): VV027244.D\data.ms (-1879) (-)



Abundance Scan 2206 (8.133 min): VV027239.D\data.ms (-2196) (-)

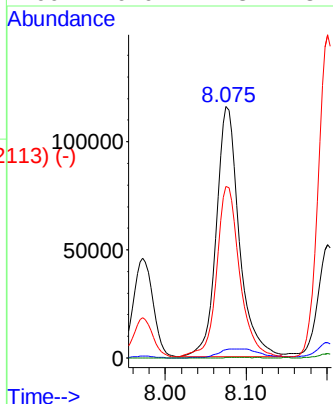
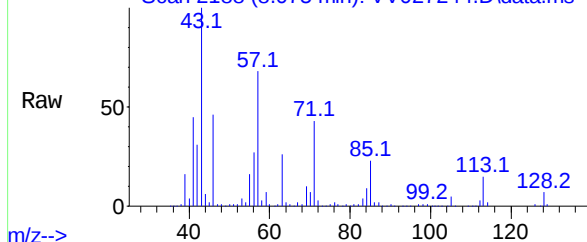


2-Hexanone
Concen: 37.365 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. -0.058 min
Lab File: VV027244.D
Acq: 08 Aug 2022 13:03

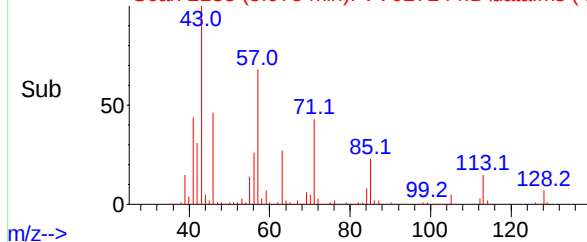
Instrument :
MSVOA_V
ClientSampleId :
C0ZF2ME

Tgt Ion: 43 Resp: 224419
Ion Ratio Lower Upper
43 100
58 3.1 50.8 76.2#
57 69.0 17.1 25.7#
100 0.0 12.3 18.5#

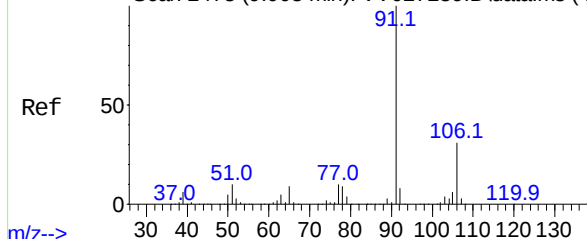
Abundance Scan 2188 (8.075 min): VV027244.D\data.ms



Abundance Scan 2188 (8.075 min): VV027244.D\data.ms (-2113) (-)



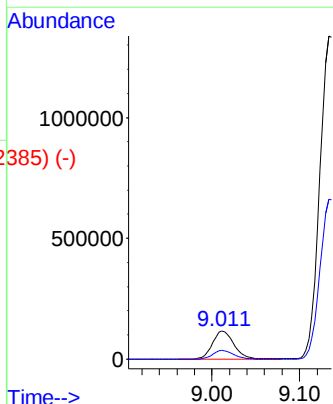
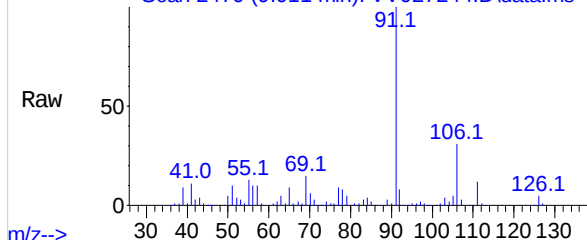
Abundance Scan 2478 (9.008 min): VV027239.D\data.ms (-2465) (-)



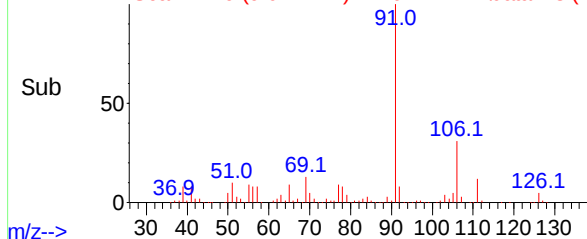
Ethylbenzene
Concen: 9.967 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV027244.D
Acq: 08 Aug 2022 13:03

Tgt Ion: 91 Resp: 197306
Ion Ratio Lower Upper
91 100
106 30.7 21.8 40.6

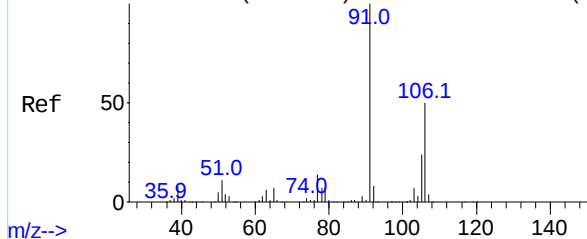
Abundance Scan 2479 (9.011 min): VV027244.D\data.ms



Abundance Scan 2479 (9.011 min): VV027244.D\data.ms (-2385) (-)



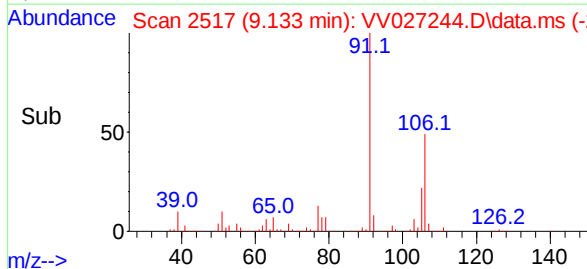
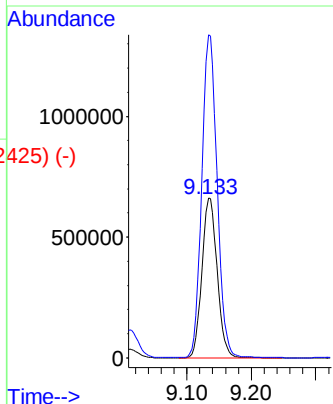
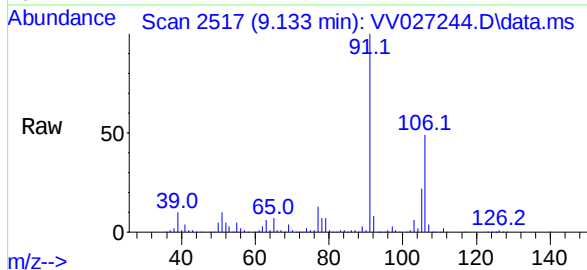
Abundance Scan 2518 (9.137 min): VV027239.D\data.ms (-25053-)



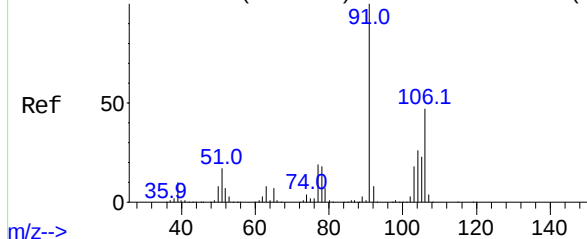
m,p-Xylene
Concen: 144.744 ug/L
RT: 9.133 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV027244.D
Acq: 08 Aug 2022 13:03

Instrument : MSVOA_V
ClientSampleId : C0ZF2ME

Tgt Ion:106 Resp: 1082906
Ion Ratio Lower Upper
106 100
91 202.4 137.5 255.3

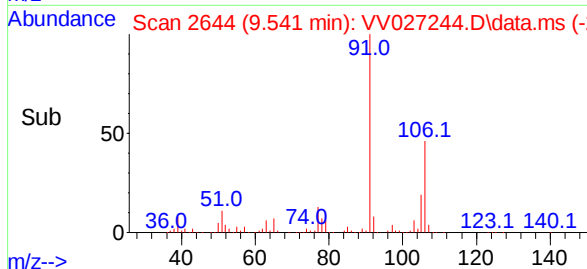
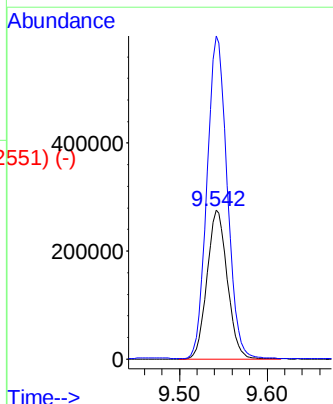
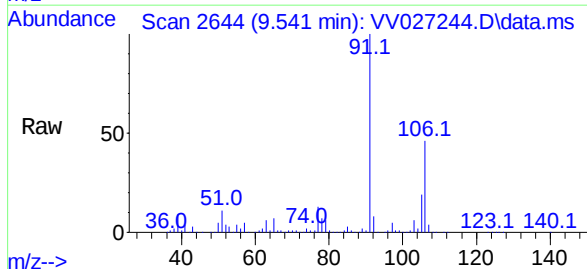


Abundance Scan 2644 (9.542 min): VV027239.D\data.ms (-26354-)

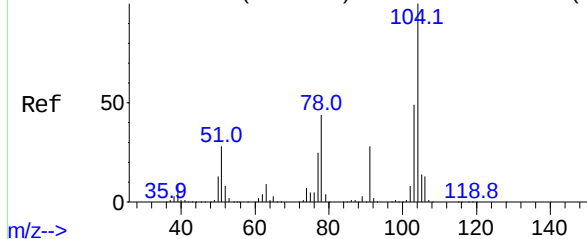


o-Xylene
Concen: 60.638 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027244.D
Acq: 08 Aug 2022 13:03

Tgt Ion:106 Resp: 441976
Ion Ratio Lower Upper
106 100
91 217.1 146.6 272.2



Abundance Scan 2649 (9.558 min): VV027239.D\data.ms (-26325) (-)



Styrene

Concen: 1.787 ug/L

RT: 9.541 min Scan# 2649

Delta R.T. -0.016 min

Lab File: VV027244.D

Acq: 08 Aug 2022 13:03

Instrument :

MSVOA_V

ClientSampleId :

C0ZF2ME

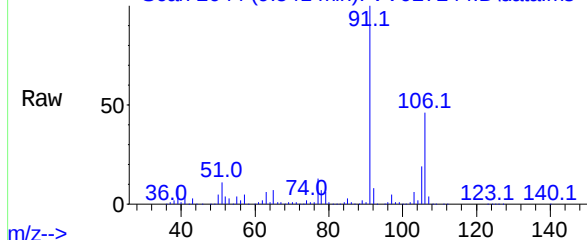
Tgt Ion:104 Resp: 22944

Ion Ratio Lower Upper

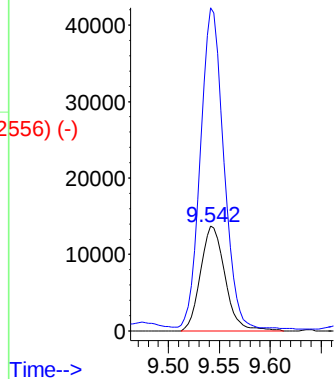
104 100

78 308.8 29.6 55.0#

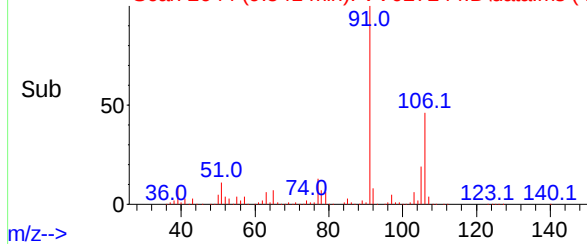
Abundance Scan 2644 (9.541 min): VV027244.D\data.ms



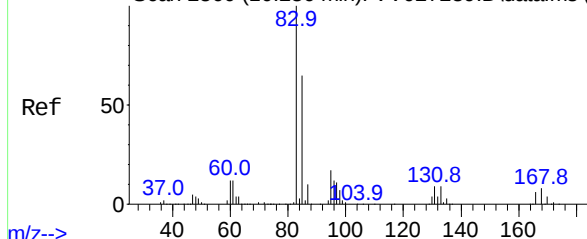
Abundance



Abundance Scan 2644 (9.541 min): VV027244.D\data.ms (-2556) (-)



Abundance Scan 2860 (10.236 min): VV027239.D\data.ms (-2845) (-)



1,1,2,2-Tetrachloroethane

Concen: 20.051 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.003 min

Lab File: VV027244.D

Acq: 08 Aug 2022 13:03

Tgt Ion: 83 Resp: 171140

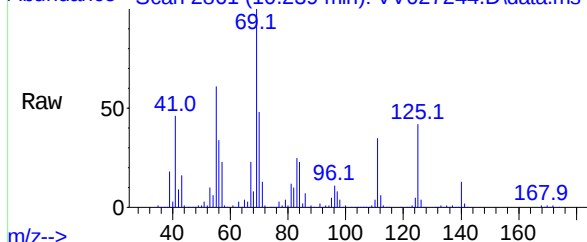
Ion Ratio Lower Upper

83 100

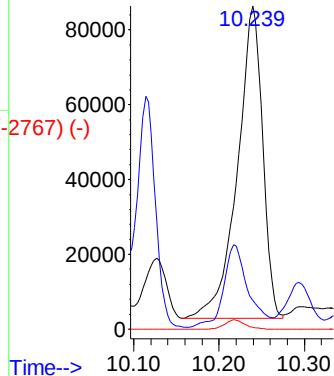
85 9.0 45.2 84.0#

131 0.6 8.1 12.1#

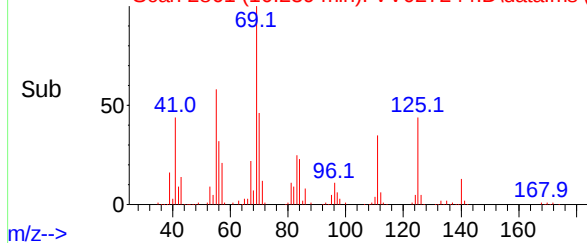
Abundance Scan 2861 (10.239 min): VV027244.D\data.ms



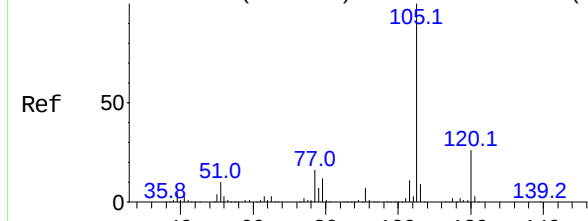
Abundance



Abundance Scan 2861 (10.239 min): VV027244.D\data.ms (-2767) (-)



Abundance Scan 2764 (9.928 min): VV027239.D\data.ms (-27599) (-)



Isopropylbenzene

Concen: 9.150 ug/L

RT: 9.931 min Scan# 2764

Delta R.T. 0.003 min

Lab File: VV027244.D

Acq: 08 Aug 2022 13:03

Instrument :

MSVOA_V

ClientSampleId :

C0ZF2ME

Tgt Ion:105 Resp: 185791

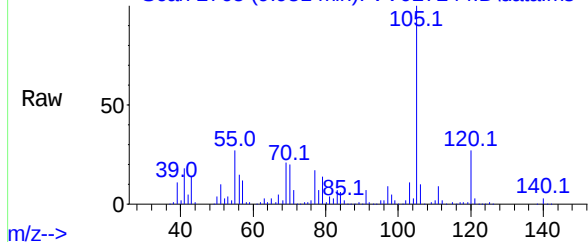
Ion Ratio Lower Upper

105 100

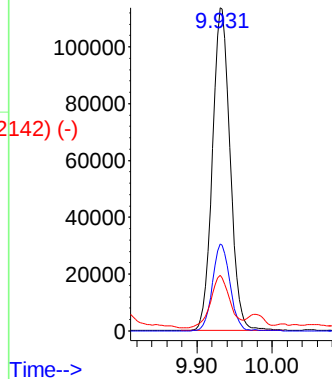
120 26.5 21.4 32.0

77 17.5 11.8 17.6

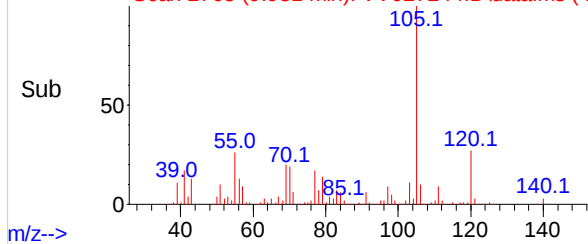
Abundance Scan 2765 (9.931 min): VV027244.D\data.ms



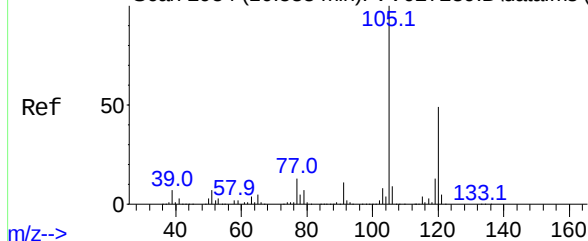
Abundance



Abundance Scan 2765 (9.931 min): VV027244.D\data.ms (-2142) (-)



Abundance Scan 2954 (10.538 min): VV027239.D\data.ms (-2960) (-)



1,3,5-Trimethylbenzene

Concen: 113.888 ug/L

RT: 10.541 min Scan# 2955

Delta R.T. 0.003 min

Lab File: VV027244.D

Acq: 08 Aug 2022 13:03

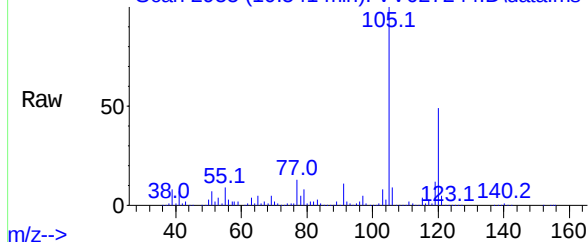
Tgt Ion:105 Resp: 1909822

Ion Ratio Lower Upper

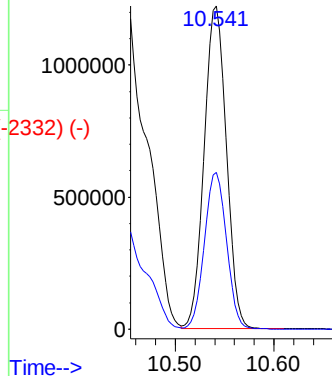
105 100

120 48.2 39.3 58.9

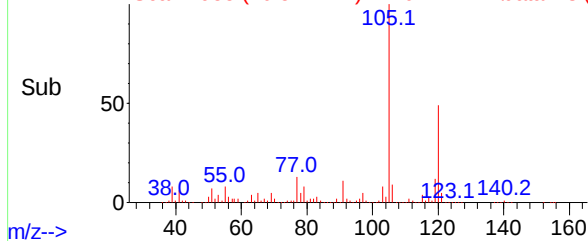
Abundance Scan 2955 (10.541 min): VV027244.D\data.ms



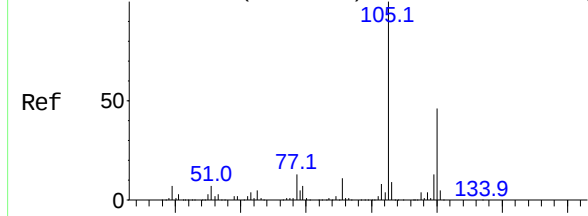
Abundance



Abundance Scan 2955 (10.541 min): VV027244.D\data.ms (-2332) (-)



Abundance Scan 3070 (10.911 min): VV027239.D\data.ms (-3059) (-)



1,2,4-Trimethylbenzene

Concen: 299.686 ug/L

RT: 10.914 min Scan#

Delta R.T. 0.003 min

Lab File: VV027244.D

Acq: 08 Aug 2022 13:03

Instrument :

MSVOA_V

ClientSampleId :

C0ZF2ME

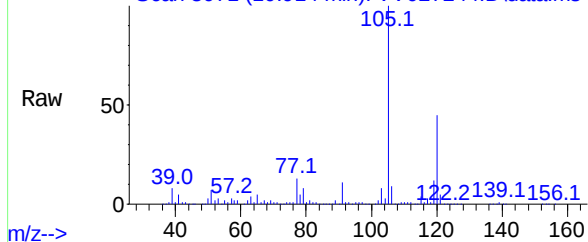
Tgt Ion:105 Resp: 4923152

Ion Ratio Lower Upper

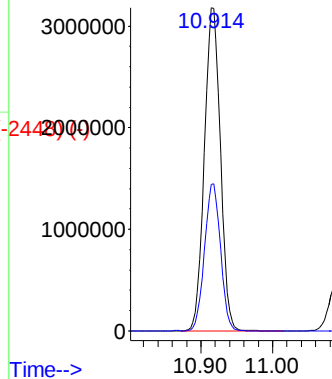
105 100

120 45.3 37.0 55.6

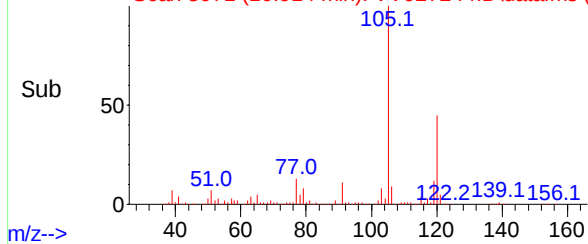
Abundance Scan 3071 (10.914 min): VV027244.D\data.ms



Abundance

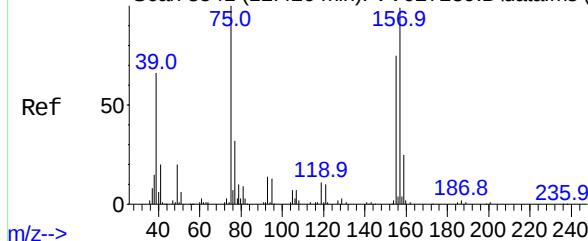


Abundance Scan 3071 (10.914 min): VV027244.D\data.ms (-244209) (-)



Time-->

Abundance Scan 3541 (12.426 min): VV027239.D\data.ms (-3559) (-)



1,2-Dibromo-3-chloropropane

Concen: 15.724 ug/L

RT: 12.416 min Scan# 3538

Delta R.T. -0.010 min

Lab File: VV027244.D

Acq: 08 Aug 2022 13:03

Tgt Ion: 75 Resp: 32632

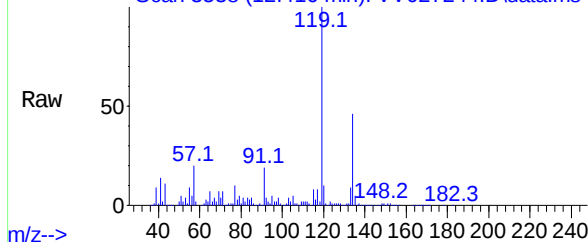
Ion Ratio Lower Upper

75 100

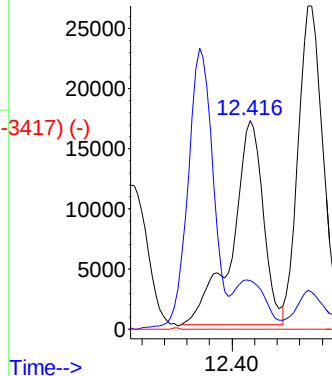
155 23.2 69.1 103.7#

157 0.0 87.8 131.8#

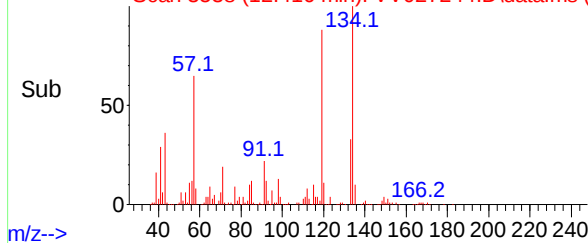
Abundance Scan 3538 (12.416 min): VV027244.D\data.ms



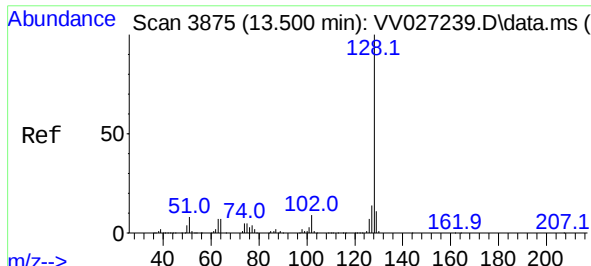
Abundance



Abundance Scan 3538 (12.416 min): VV027244.D\data.ms (-3417) (-)



Time-->



Naphthalene

Concen: 310.988 ug/L

RT: 13.506 min Scan# 3972

Delta R.T. 0.006 min

Lab File: VV027244.D

Acq: 08 Aug 2022 13:03

Instrument :

MSVOA_V

ClientSampleId :

C0ZF2ME

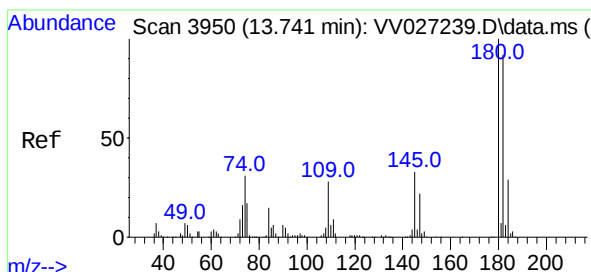
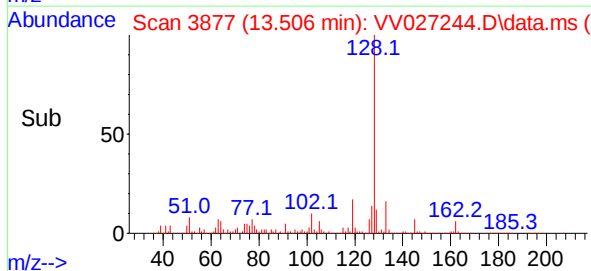
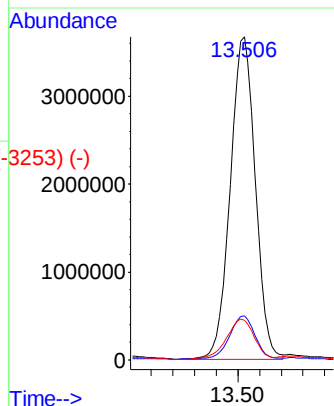
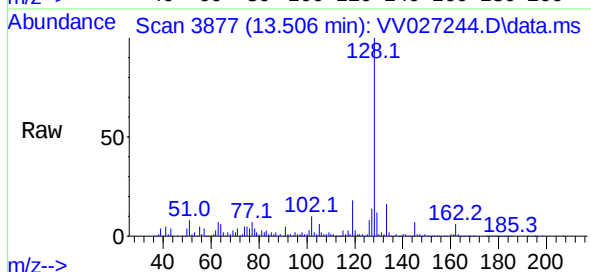
Tgt Ion:128 Resp: 5846228

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 14.1 8.6 13.0#



1,2,3-Trichlorobenzene

Concen: 4.025 ug/L

RT: 13.699 min Scan# 3937

Delta R.T. -0.042 min

Lab File: VV027244.D

Acq: 08 Aug 2022 13:03

Tgt Ion:180 Resp: 24490

Ion Ratio Lower Upper

180 100

182 74.4 76.3 114.5#

145 0.0 27.4 41.0#

