LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
Data File : VY003016.D
Acq On : 29 Jun 2020 19:06
Operator : SY/MD
Sample : L3148-04
Misc : 6.64G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : EPEC-POLYMERS-04

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	9.291	1228	1239	1247	rVB	2376364	4365684	1.07%	0.271%
2	10.248	1389	1396	1403	rVB	17014862	29188907	7.17%	1.810%
3	11.473	1591	1597	1600	rBV	6468641	10454527	2.57%	0.648%
4	11.516	1600	1604	1612	rVV	17603490	28858229	7.09%	1.790%
5	11.595	1612	1617	1625	rVB	2683777	4284368	1.05%	0.266%
6	11.705	1625	1635	1645	rBV	5967597	10923655	2.68%	0.677%
7	12.034	1676	1689	1699	rBV2	41593735	69033781	16.95%	4.281%
8	12.248	1716	1724	1733	rVB	11685196	18395635	4.52%	1.141%
9	12.589	1769	1780	1785	rBV	4387268	8184877	2.01%	0.508%
10	12.772	1801	1810	1812	rBV6	132336327	306461387	75.26%	19.006%
11	12.833	1817	1820	1825	rVV3	128870330	319379503	78.44%	19.808%
12	12.882	1825	1828	1839	rVB5	135193265	300511425	73.80%	18.637%
13	13.369	1896	1908	1914	rBV	19415311	29225387	7.18%	1.813%
14	13.449	1914	1921	1932	rVB2	10321004	19439478	4.77%	1.206%
15	14.479	2075	2090	2092	rBV6	157827459	407181103	100.00%	25.253%
16	14.802	2135	2143	2151	rBV	30096228	46519271	11.42%	2.885%

Sum of corrected areas: 1612407217

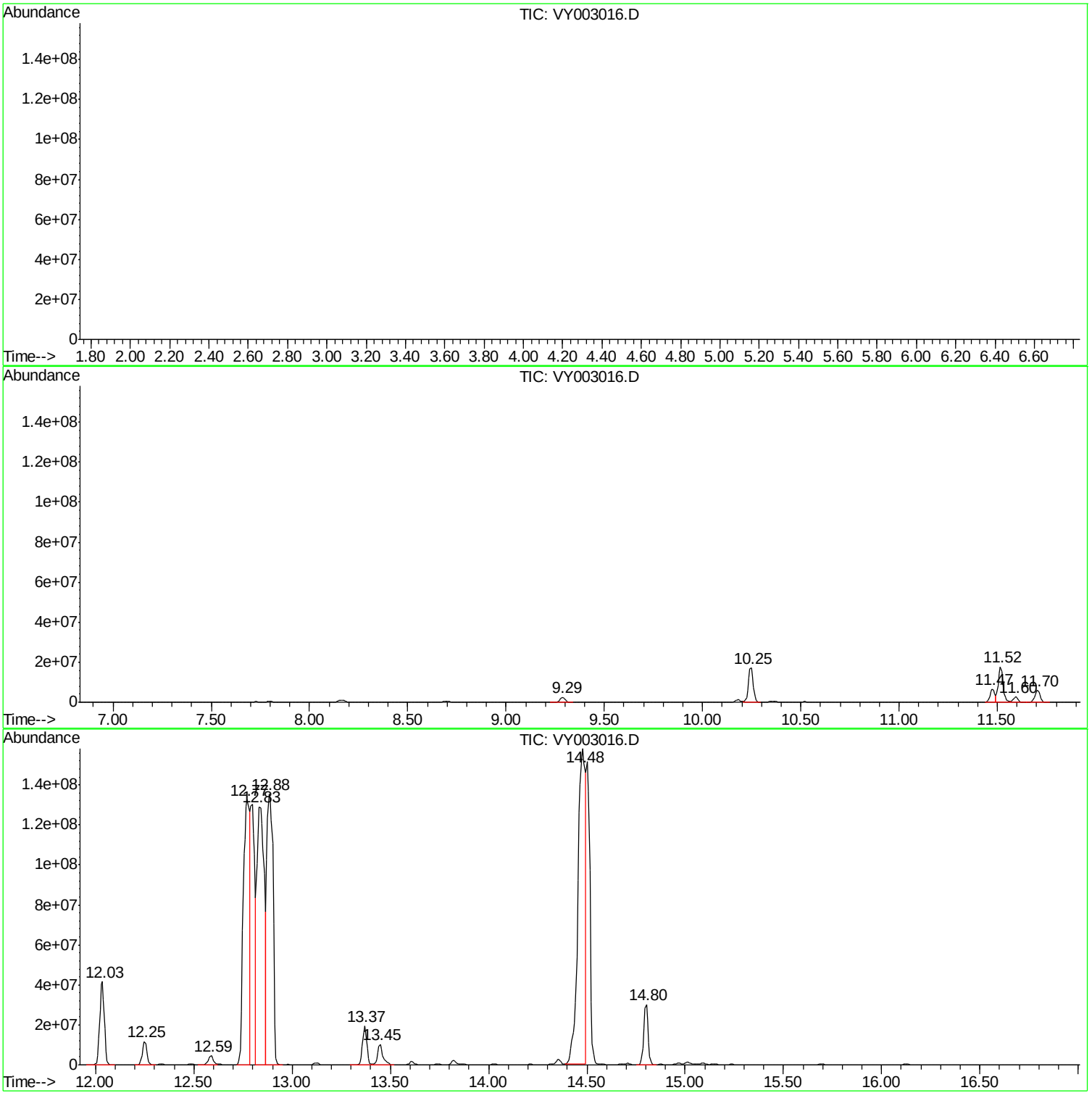
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY062920\
Data File : VY003016.D
Acq On : 29 Jun 2020 19:06
Operator : SY/MD
Sample : L3148-04
Misc : 6.64G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EPEC-POLYMERS-04

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY062920\
Data File : VY003016.D
Acq On : 29 Jun 2020 19:06
Operator : SY/MD
Sample : L3148-04
Misc : 6.64G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : EPEC-POLYMERS-04

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

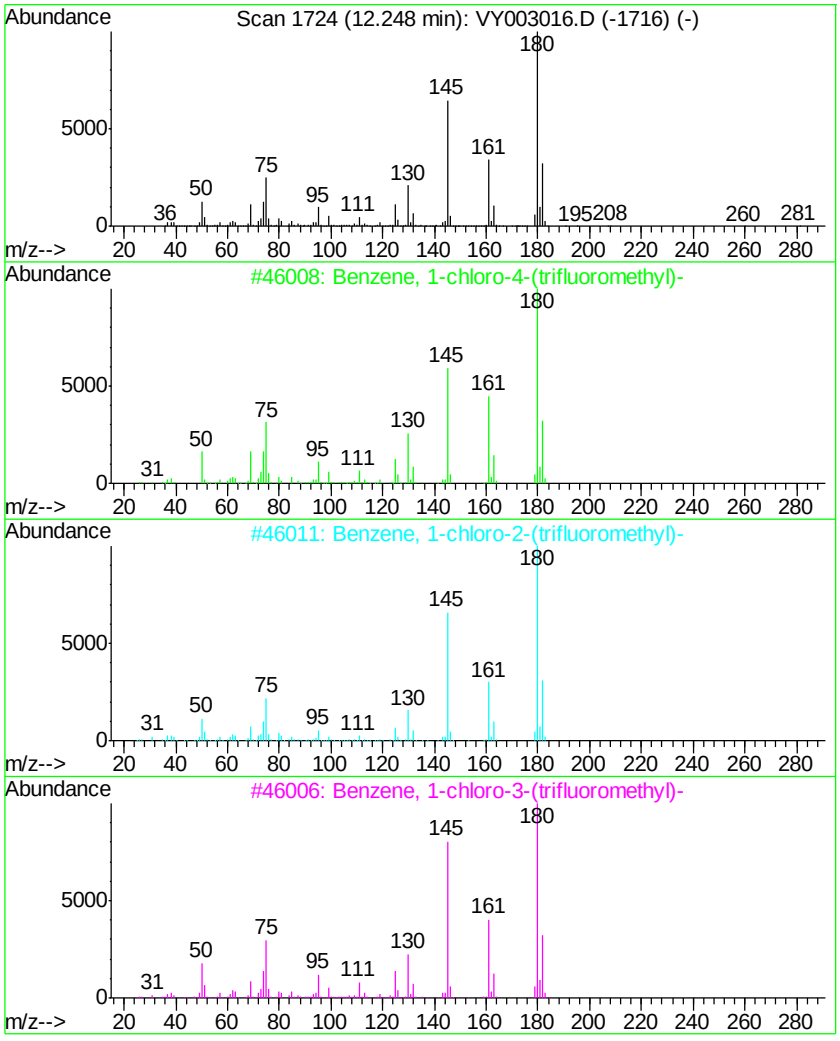
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

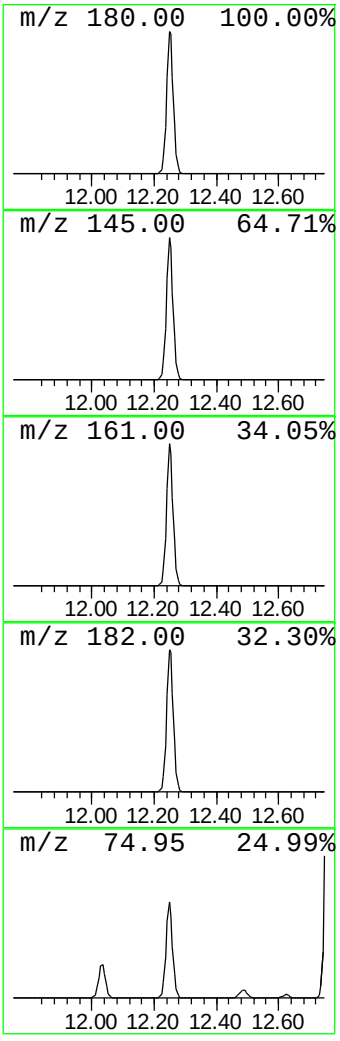
****

Peak Number 1 Benzene, 1-chloro-4-(triflu... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	87.98 ug/l	18395600	Chlorobenzene-d5	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-(trifluorome...	180	C7H4ClF3	000098-56-6	98
2	Benzene, 1-chloro-2-(trifluorome...	180	C7H4ClF3	000088-16-4	98
3	Benzene, 1-chloro-3-(trifluorome...	180	C7H4ClF3	000098-15-7	96
4	3-Chloroquinoxaline 1-oxide	180	C8H5ClN2O	005227-59-8	43
5	2-Fluoro-5-(trifluoromethyl)phenol	180	C7H4F4O	141483-15-0	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY062920\
Data File : VY003016.D
Acq On : 29 Jun 2020 19:06
Operator : SY/MD
Sample : L3148-04
Misc : 6.64G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : EPEC-POLYMERS-04

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

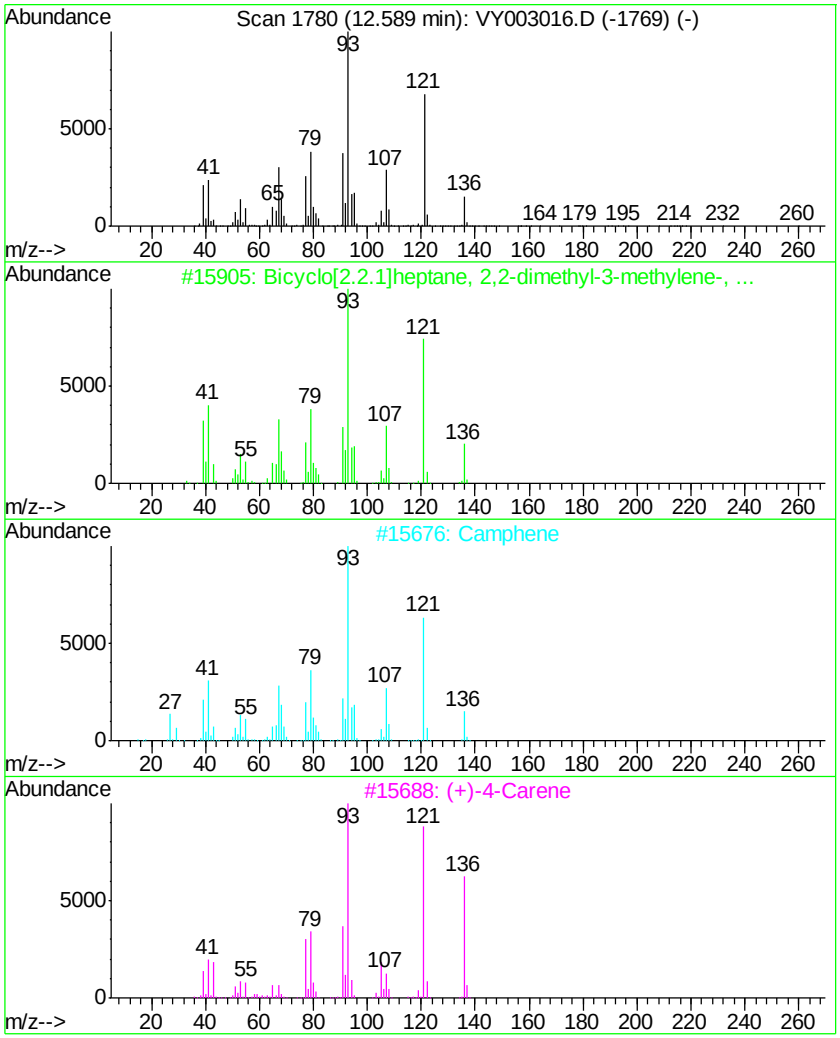
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

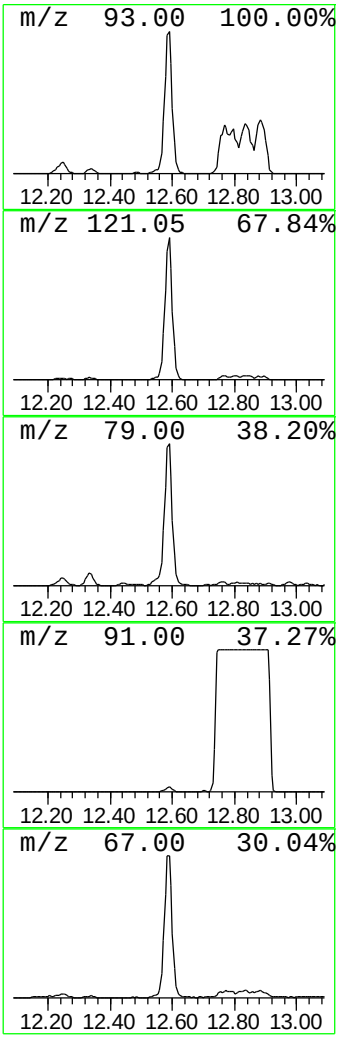
****

Peak Number 2 Bicyclo[2.2.1]heptane, 2,2-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	21.05 ug/l	8184880	1,4-Dichlorobenzene-d4	13.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	97
2	Camphene	136	C10H16	000079-92-5	97
3	(+)-4-Carene	136	C10H16	029050-33-7	87
4	Santolina triene	136	C10H16	002153-66-4	86
5	2-Carene	136	C10H16	000554-61-0	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY062920\
Data File : VY003016.D
Acq On : 29 Jun 2020 19:06
Operator : SY/MD
Sample : L3148-04
Misc : 6.64G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : EPEC-POLYMERS-04

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

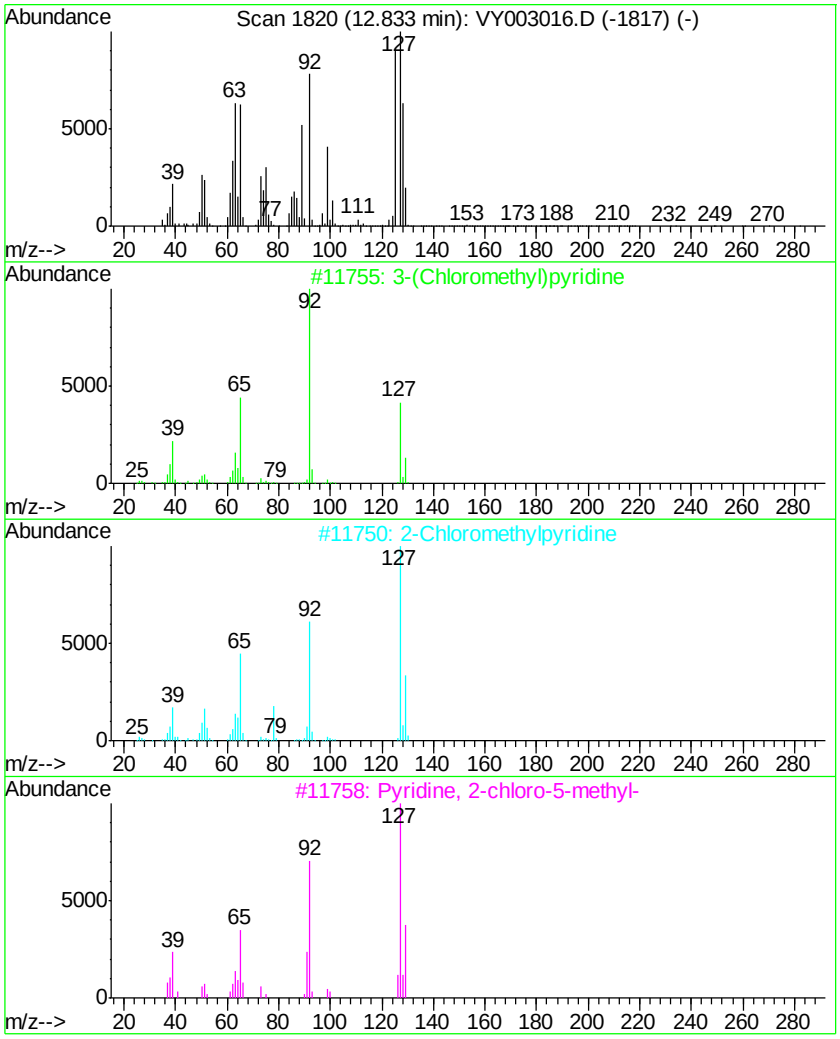
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

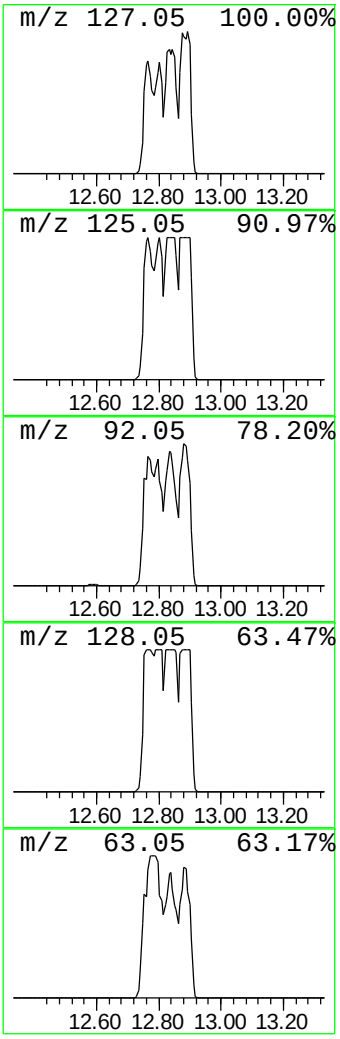
****

Peak Number 3 unknown12.83 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	821.47 ug/l	319380000	1,4-Dichlorobenzene-d4	13.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(Chloromethyl)pyridine	127	C6H6ClN	003099-31-8	43
2	2-Chloromethylpyridine	127	C6H6ClN	004377-33-7	42
3	Pyridine, 2-chloro-5-methyl-	127	C6H6ClN	018368-64-4	32
4	p-Chloroaniline	127	C6H6ClN	000106-47-8	25
5	6-[p-Chlorophenylcarbamyl]-2,4-d...	304	C13H13ClN6O	329202-68-8	16





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY062920\
Data File : VY003016.D
Acq On : 29 Jun 2020 19:06
Operator : SY/MD
Sample : L3148-04
Misc : 6.64G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : EPEC-POLYMERS-04

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

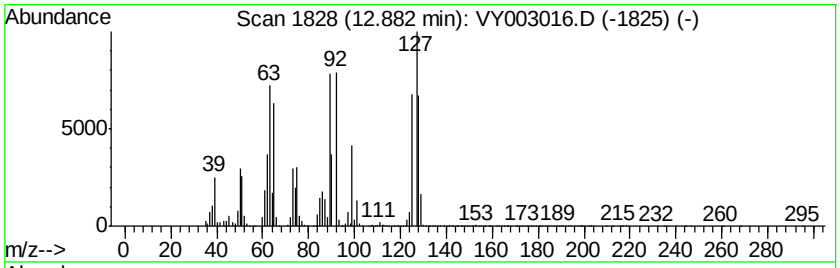
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

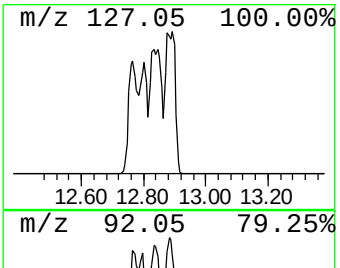
****

Peak Number 4 Benzene, 1-(chloromethyl)-2... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	772.94 ug/l	300511000	1,4-Dichlorobenzene-d4	13.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(chloromethyl)-2-nitro-	171	C7H6ClNO2	000612-23-7	59
2	3,4-Dichlorophenethylamine	189	C8H9Cl2N	021581-45-3	55
3	2,4-Dichlorophenethylamine	189	C8H9Cl2N	052516-13-9	43
4	Pyridine, 2-chloro-5-methyl-	127	C6H6ClN	018368-64-4	22
5	2-Chloromethylpyridine	127	C6H6ClN	004377-33-7	20





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY062920\
Data File : VY003016.D
Acq On : 29 Jun 2020 19:06
Operator : SY/MD
Sample : L3148-04
Misc : 6.64G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : EPEC-POLYMERS-04

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

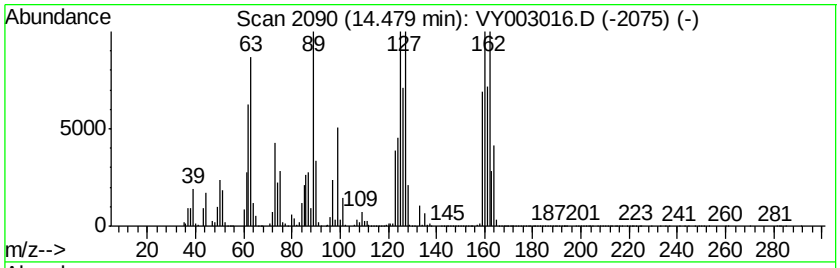
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

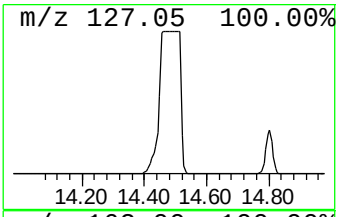
****

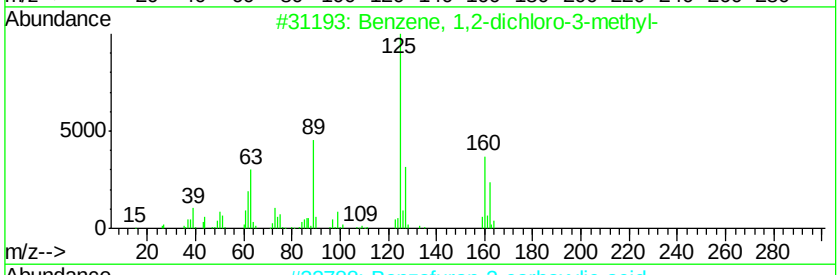
Peak Number 5 Benzene, 1,2-dichloro-3-met... Concentration Rank 1

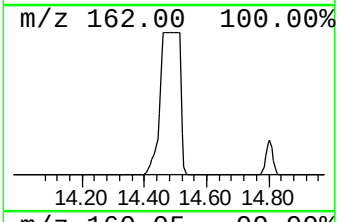
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	1047.30 ug/l	407181000	1,4-Dichlorobenzene-d4	13.43

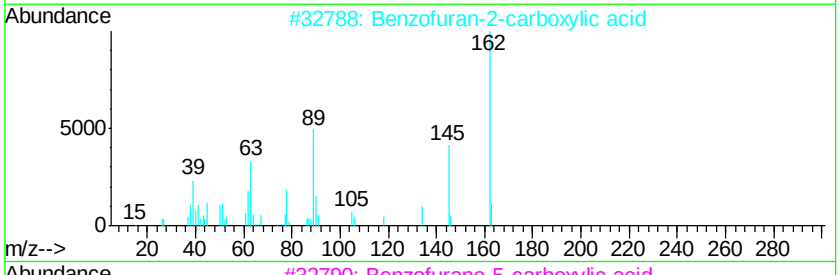
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	74
2	Benzofuran-2-carboxylic acid	162	C9H6O3	000496-41-3	53
3	Benzofurane-5-carboxylic acid	162	C9H6O3	090721-27-0	53
4	2,6-Dichlorobenzylsulfonyl chloride	258	C7H5Cl3O2S	085952-31-4	50
5	Benzene, 1,2-dichloro-4-methyl-	160	C7H6Cl2	000095-75-0	47

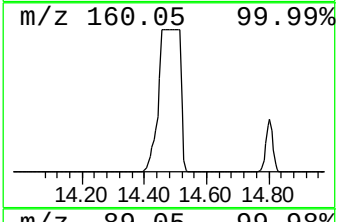


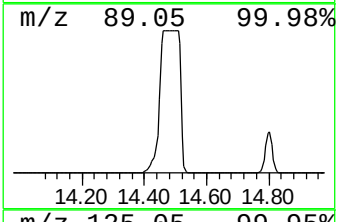


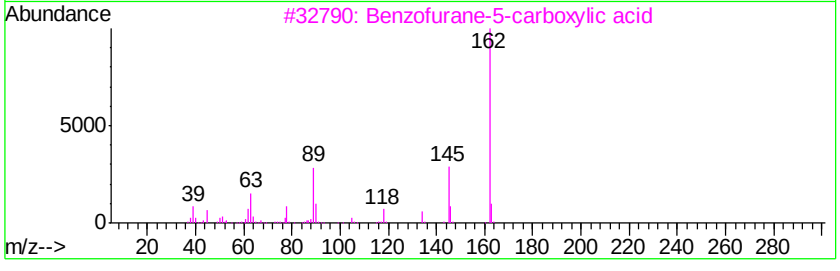


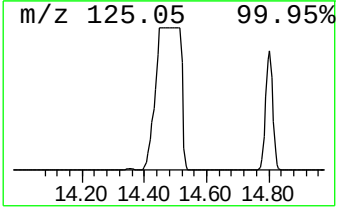












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY062920\
Data File : VY003016.D
Acq On : 29 Jun 2020 19:06
Operator : SY/MD
Sample : L3148-04
Misc : 6.64G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : EPEC-POLYMERS-04

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

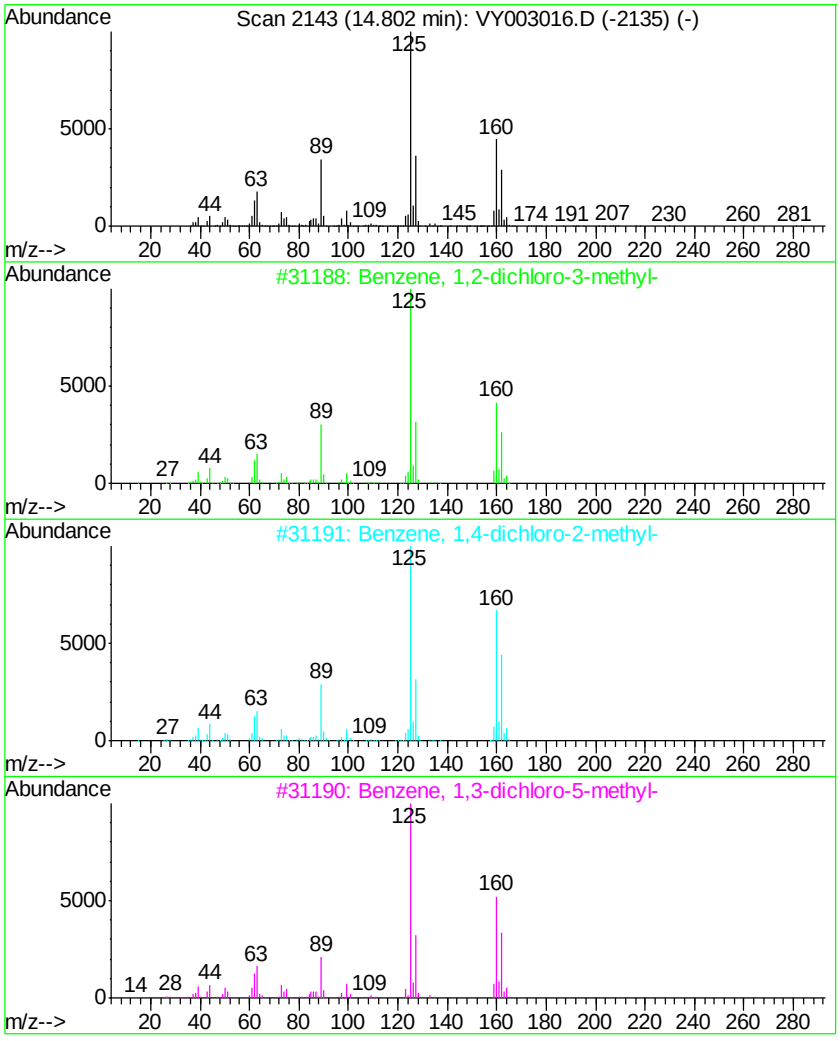
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

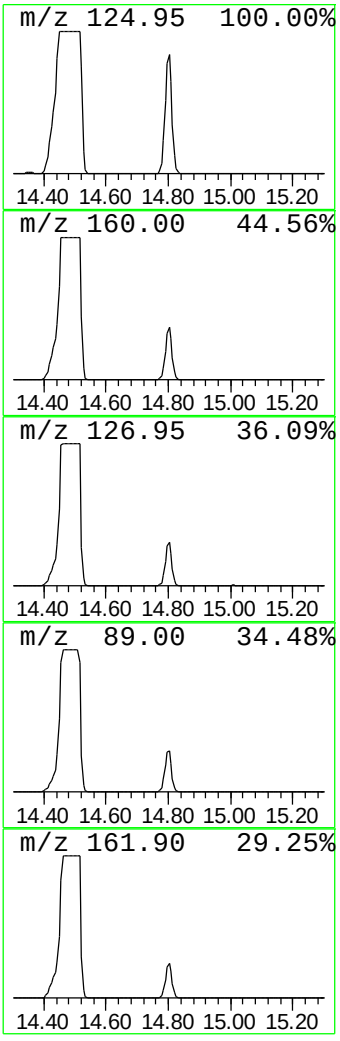
****

Peak Number 6 Benzene, 1,4-dichloro-2-met... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	119.65 ug/l	46519300	1,4-Dichlorobenzene-d4	13.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	98
2	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	97
3	Benzene, 1,3-dichloro-5-methyl-	160	C7H6Cl2	025186-47-4	96
4	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	96
5	Benzene, 2,4-dichloro-1-methyl-	160	C7H6Cl2	000095-73-8	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY062920\
Data File : VY003016.D
Acq On : 29 Jun 2020 19:06
Operator : SY/MD
Sample : L3148-04
Misc : 6.64G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : EPEC-POLYMERS-04

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-chloro...	12.25	88.0	ug/l	18395600	3	11.49	10454500	50.0
Bicyclo[2.2.1]hep...	12.59	21.1	ug/l	8184880	4	13.43	19439500	50.0
unknown12.83	12.83	821.5	ug/l	319380000	4	13.43	19439500	50.0
Benzene, 1-(chlor...	12.88	772.9	ug/l	300511000	4	13.43	19439500	50.0
Benzene, 1,2-dich...	14.48	1047.3	ug/l	407181000	4	13.43	19439500	50.0
Benzene, 1,4-dich...	14.80	119.7	ug/l	46519300	4	13.43	19439500	50.0