

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031921\
 Data File : VY004134.D
 Acq On : 19 Mar 2021 13:15
 Operator : SY/MD
 Sample : M1723-03
 Misc : 13.26g/5mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO124027

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\82Y030821S.M

Title : SW846 8260

Signal : TIC: VY004134.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.960	341	351	372	rVB	111898	307502	3.08%	0.930%
2	4.735	457	478	501	rBV4	29809	140695	1.41%	0.425%
3	7.734	960	970	974	rBV2	43851	114870	1.15%	0.347%
4	7.801	974	981	989	rVB3	95322	250515	2.51%	0.758%
5	8.161	1028	1040	1050	rVV5	86171	272775	2.73%	0.825%
6	8.338	1063	1069	1079	rVB	53529	147037	1.47%	0.445%
7	8.557	1094	1105	1109	rBV	67580	138735	1.39%	0.420%
8	8.697	1120	1128	1141	rBV	118334	243831	2.44%	0.737%
9	8.947	1164	1169	1178	rVB	109120	228422	2.29%	0.691%
10	9.081	1183	1191	1198	rBV	390430	750838	7.52%	2.271%
11	9.191	1198	1209	1215	rVB3	77292	169958	1.70%	0.514%
12	9.752	1289	1301	1308	rBV2	41857	104739	1.05%	0.317%
13	10.075	1347	1354	1365	rBV	308013	564560	5.66%	1.707%
14	10.185	1365	1372	1376	rVV	192736	344566	3.45%	1.042%
15	10.252	1376	1383	1391	rVV	5941991	9982813	100.00%	30.190%
16	10.368	1395	1402	1409	rVB2	68655	133787	1.34%	0.405%
17	10.514	1420	1426	1435	rVB3	79910	145663	1.46%	0.441%
18	10.721	1454	1460	1469	rVB	116927	200326	2.01%	0.606%
19	10.935	1486	1495	1500	rBV	146988	236755	2.37%	0.716%
20	11.496	1580	1587	1590	rBV	89601	156872	1.57%	0.474%
21	11.550	1590	1596	1599	rVV	1341149	2073060	20.77%	6.269%
22	11.593	1599	1603	1612	rVB	2076849	3338779	33.45%	10.097%
23	11.703	1612	1621	1631	rBV	5072090	8861513	88.77%	26.799%
24	12.032	1663	1675	1683	rBV2	1407374	2520299	25.25%	7.622%
25	12.331	1719	1724	1729	rBV	73832	116574	1.17%	0.353%
26	12.489	1745	1750	1755	rBV3	67877	110234	1.10%	0.333%
27	12.672	1772	1780	1785	rVB	89960	158961	1.59%	0.481%
28	12.739	1785	1791	1794	rBV	279017	447044	4.48%	1.352%
29	12.770	1794	1796	1799	rVV	127798	169399	1.70%	0.512%
30	12.812	1799	1803	1816	rVB2	157890	298245	2.99%	0.902%
31	12.977	1822	1830	1836	rBV	62584	115821	1.16%	0.350%
32	13.123	1848	1854	1860	rBV	143492	221967	2.22%	0.671%

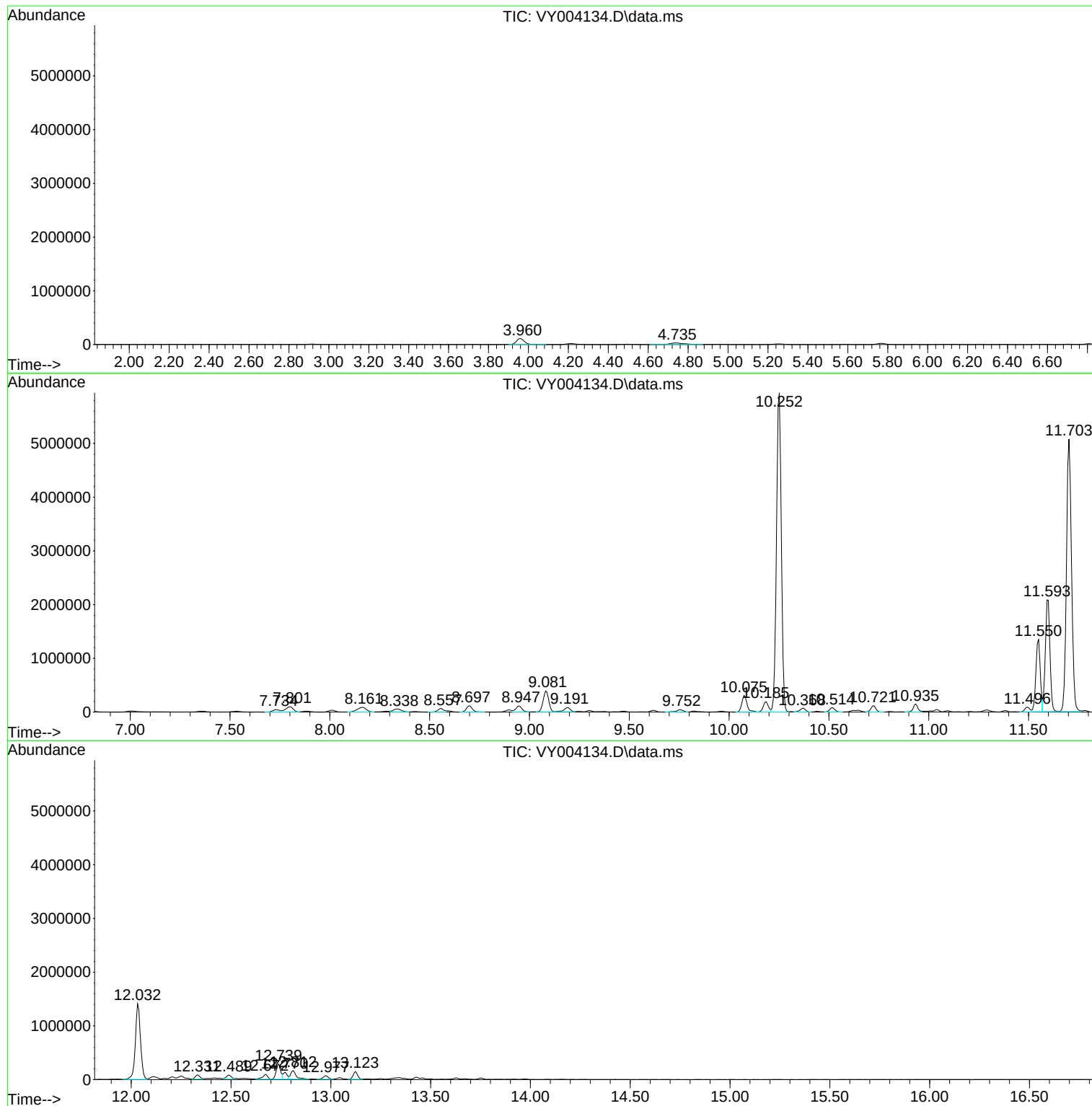
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO124027

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260

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



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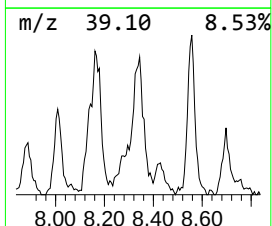
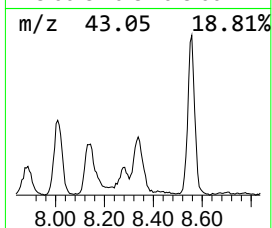
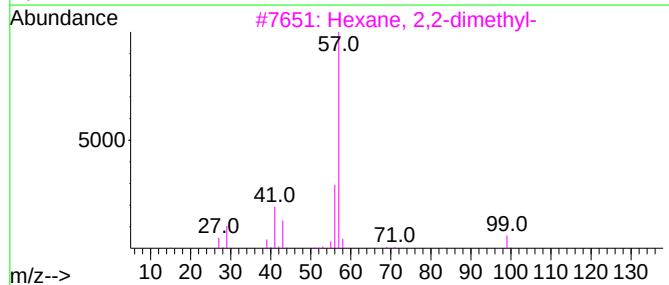
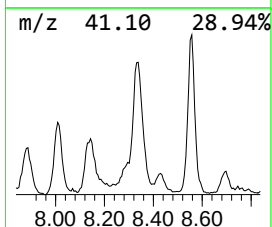
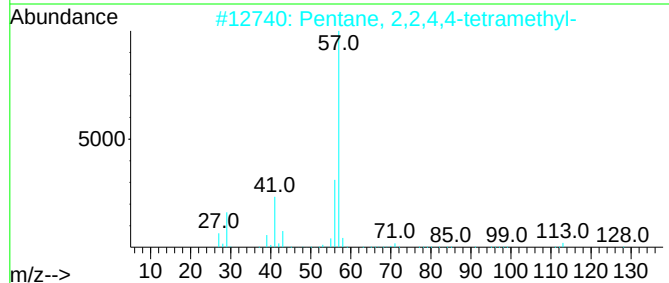
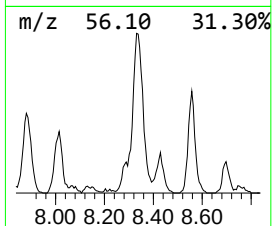
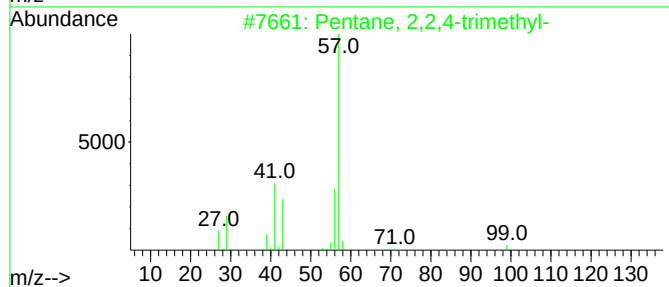
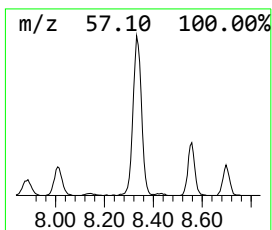
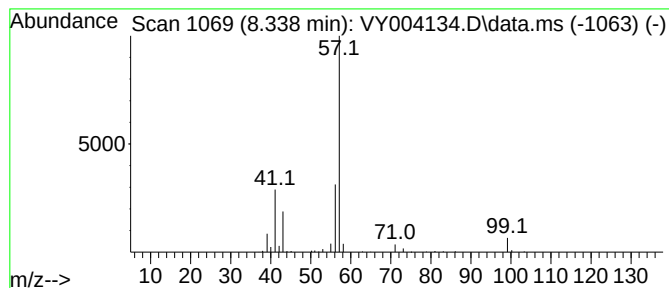
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260

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

Peak Number 1 Pentane, 2,2,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.338	30.15 ug/l	147037	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	59
2			Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59
3			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	50
4			Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	50
5			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	45



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ClientSampleId :
RO124027

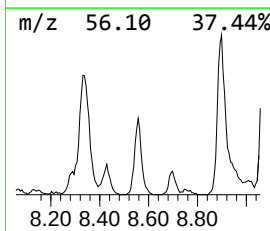
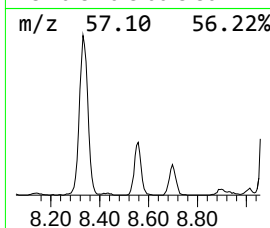
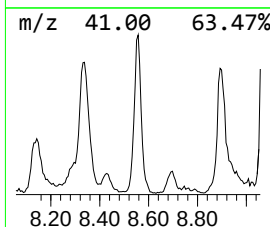
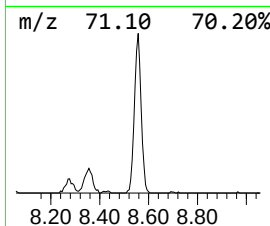
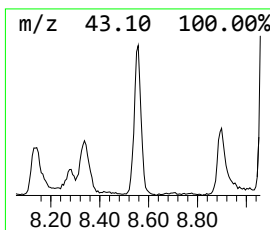
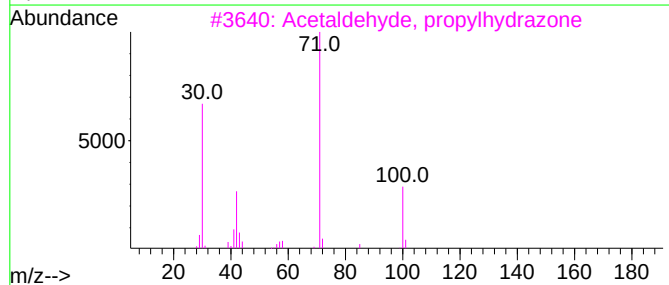
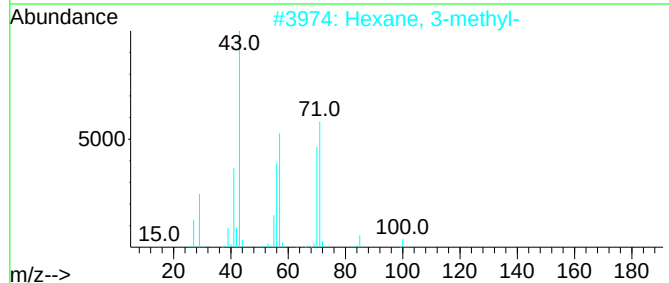
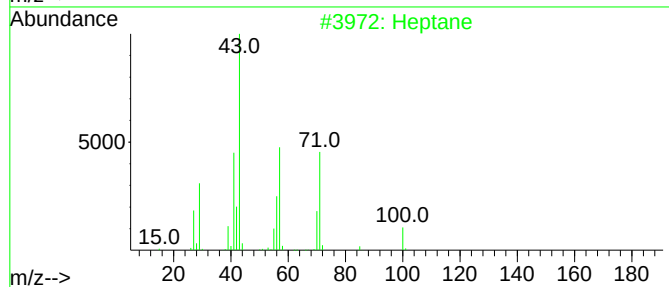
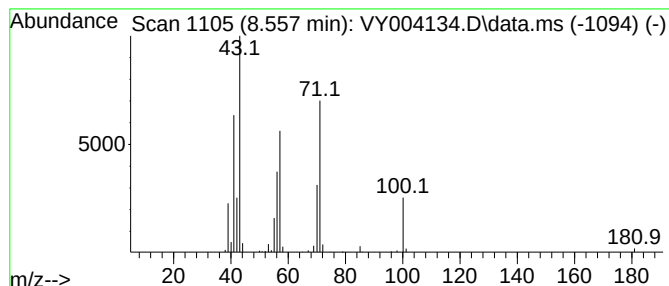
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260

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

Peak Number 2 Heptane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.557	28.45 ug/l	138735	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	91
2			Hexane, 3-methyl-	100	C7H16	000589-34-4	50
3			Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	47
4			Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	47
5			Oxalic acid, hexyl neopentyl ester	244	C13H24O4	1000309-73-1	47



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Misc : 13.26g/5mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

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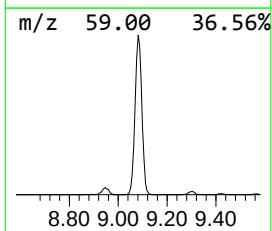
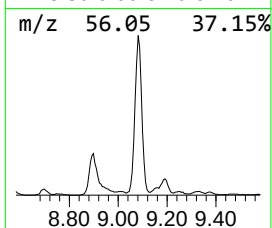
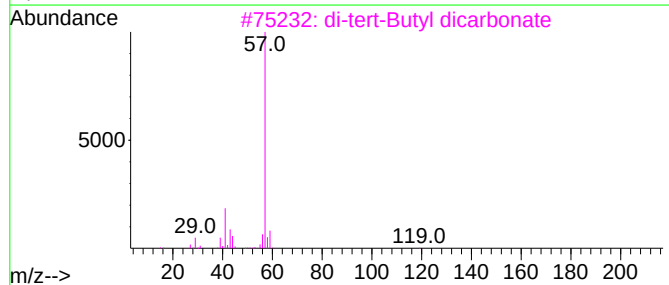
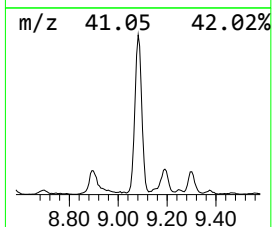
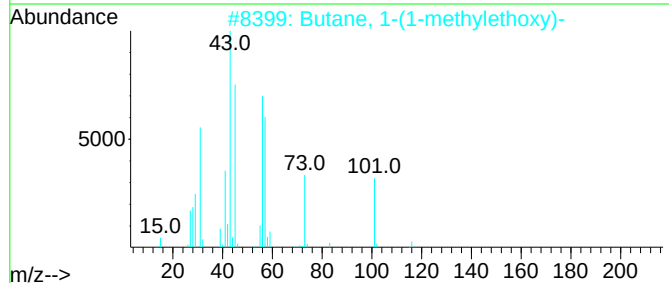
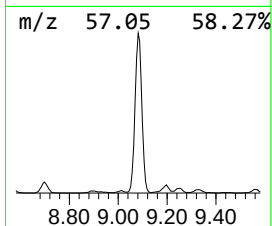
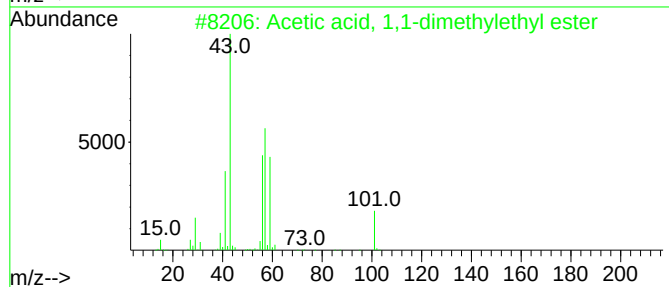
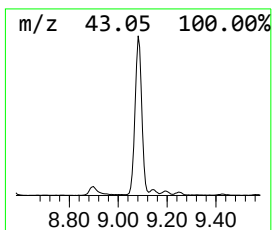
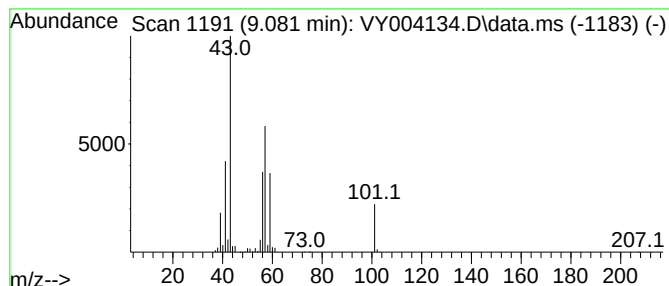
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260

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

Peak Number 3 Acetic acid, 1,1-dimethylet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.081	153.97 ug/l	750838	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	83
2			Butane, 1-(1-methylethoxy)-	116	C7H16O	001860-27-1	28
3			di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	17
4			Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	12
5			tert-Butyl Hydroperoxide	90	C4H10O2	000075-91-2	12



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ALS Vial : 8 Sample Multiplier: 1

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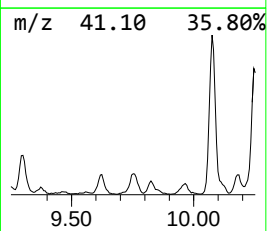
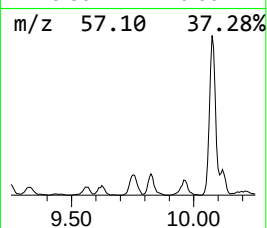
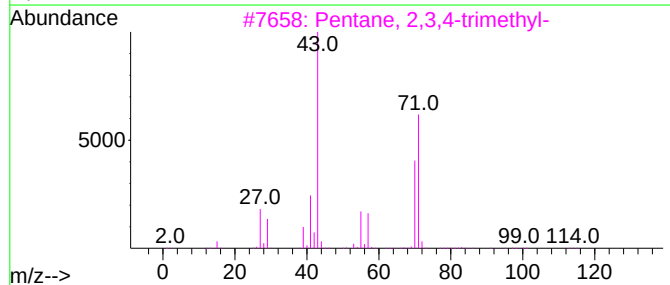
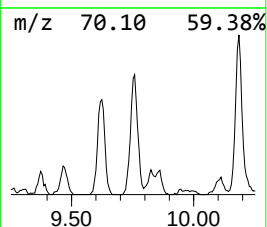
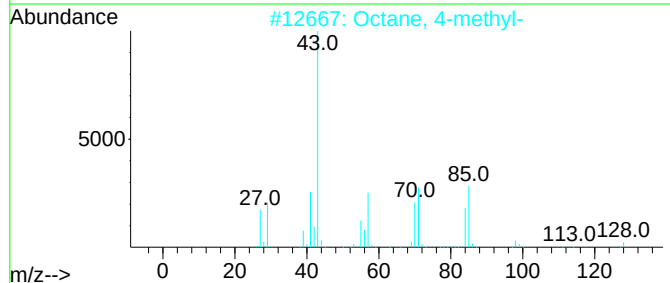
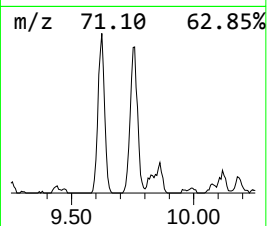
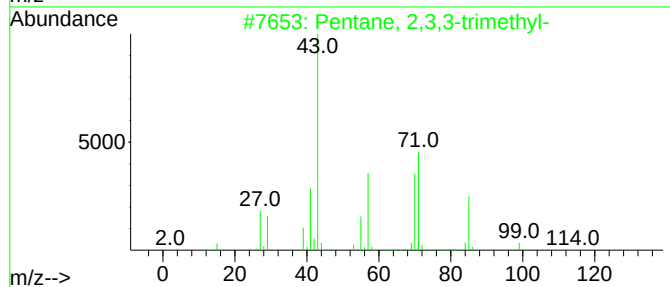
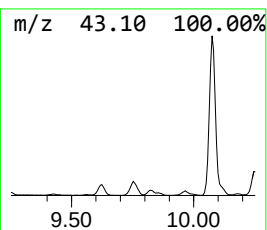
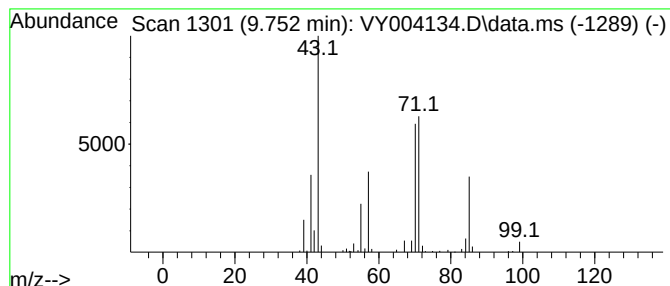
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentane, 2,3,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.752	21.48 ug/l	104739	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	80
2			Octane, 4-methyl-	128	C9H20	002216-34-4	64
3			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
4			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
5			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	50



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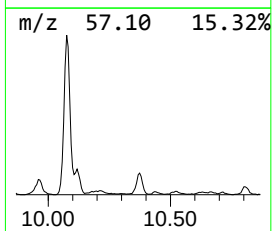
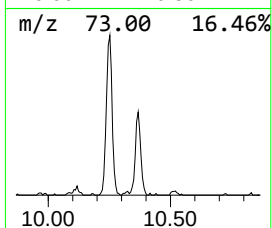
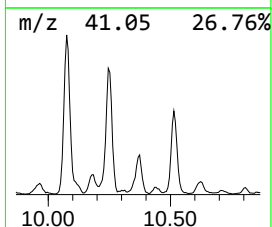
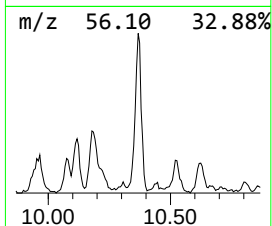
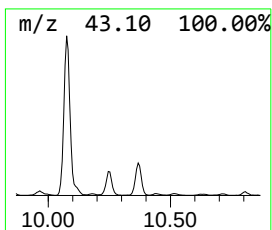
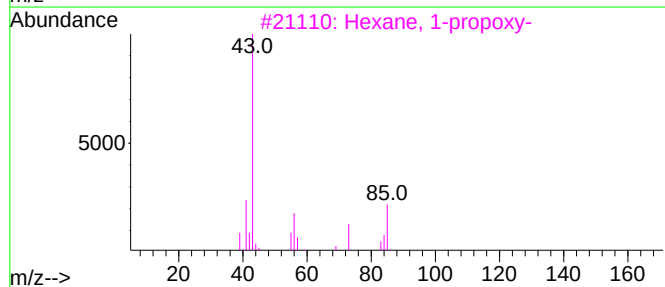
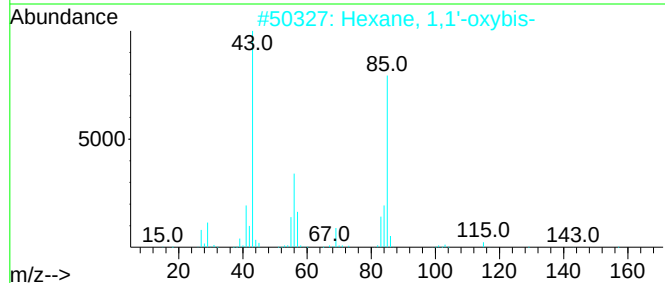
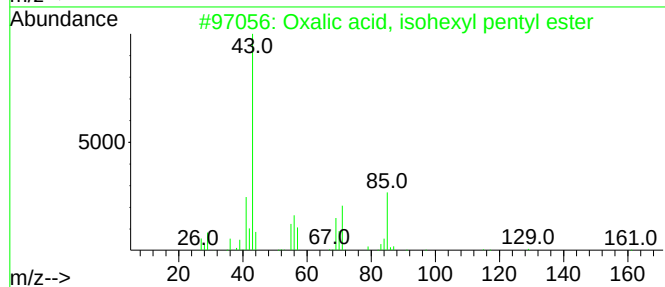
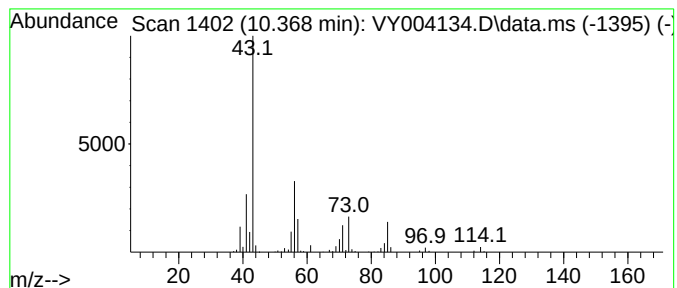
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260

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

Peak Number 5 Oxalic acid, isohexyl penty... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.368	42.64 ug/l	133787	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	59
2			Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	59
3			Hexane, 1-propoxy-	144	C9H20O	053685-78-2	50
4			Octane	114	C8H18	000111-65-9	49
5			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47



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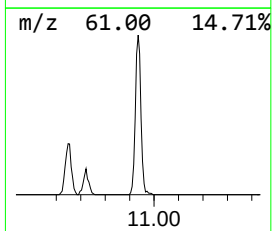
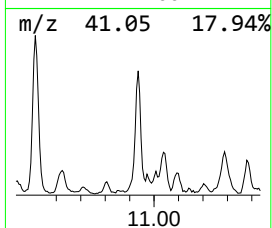
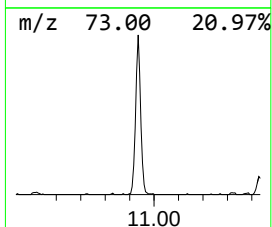
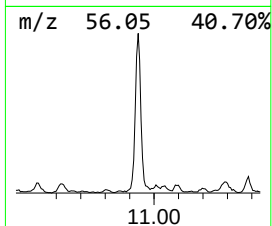
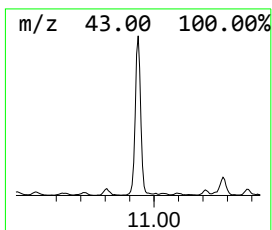
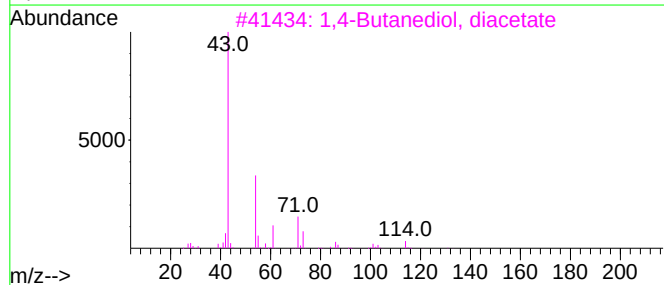
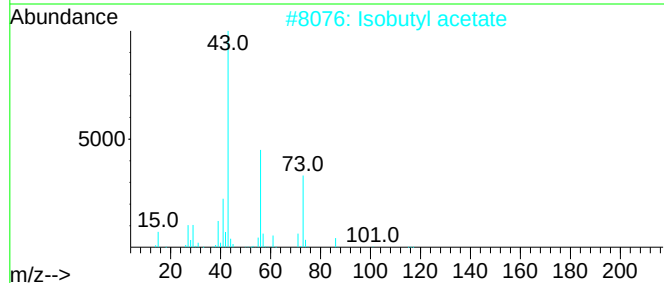
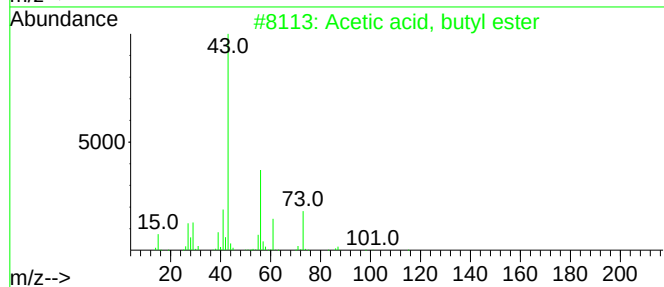
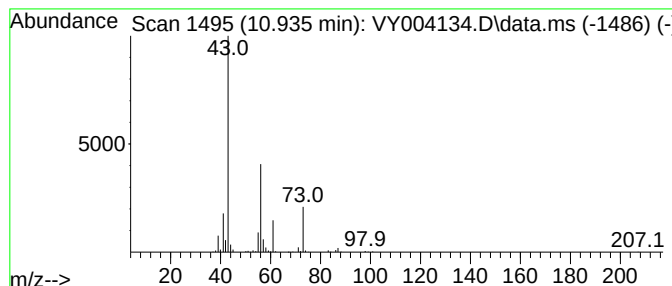
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Quant Title : SW846 8260

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

Peak Number 6 Acetic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.935	75.46 ug/l	236755	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, butyl ester	116	C6H12O2	000123-86-4	83
2			Isobutyl acetate	116	C6H12O2	000110-19-0	50
3			1,4-Butanediol, diacetate	174	C8H14O4	000628-67-1	12
4			2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	10
5			Isobutylamine	73	C4H11N	000078-81-9	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031921\
Data File : VY004134.D
Acq On : 19 Mar 2021 13:15
Operator : SY/MD
Sample : M1723-03
Misc : 13.26g/5mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO124027

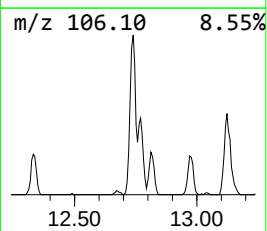
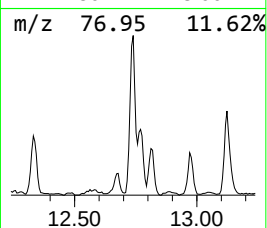
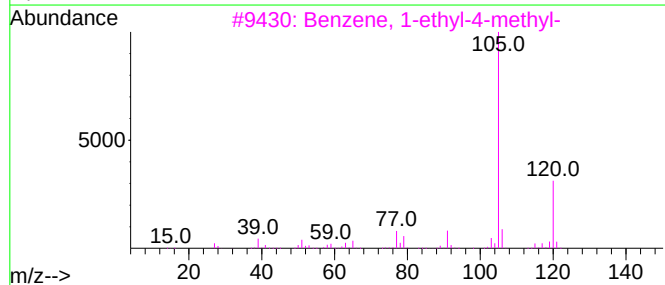
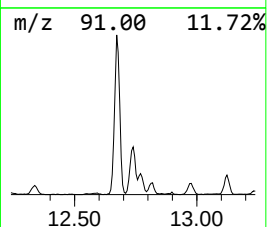
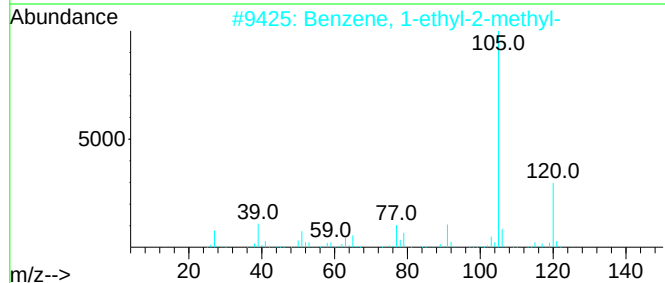
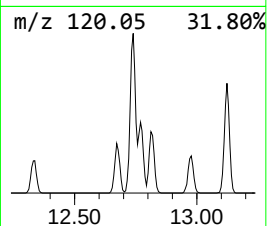
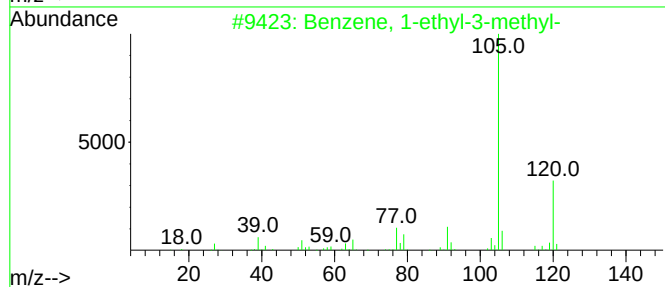
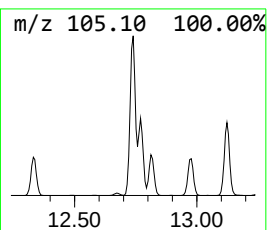
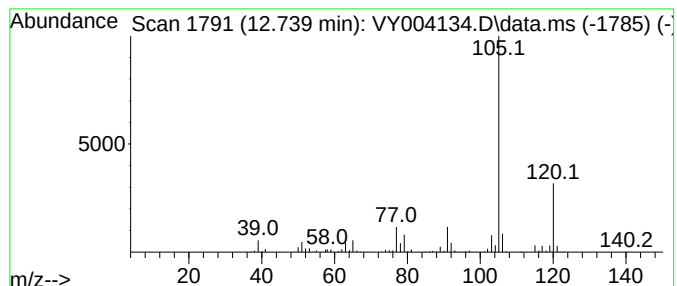
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.739	100.70 ug/l	447044	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031921\
Data File : VY004134.D
Acq On : 19 Mar 2021 13:15
Operator : SY/MD
Sample : M1723-03
Misc : 13.26g/5mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO124027

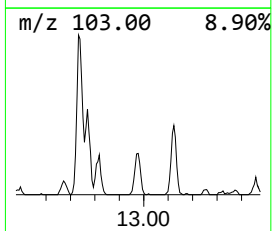
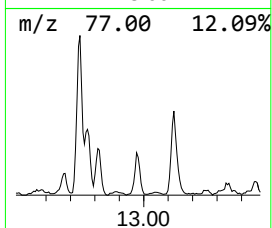
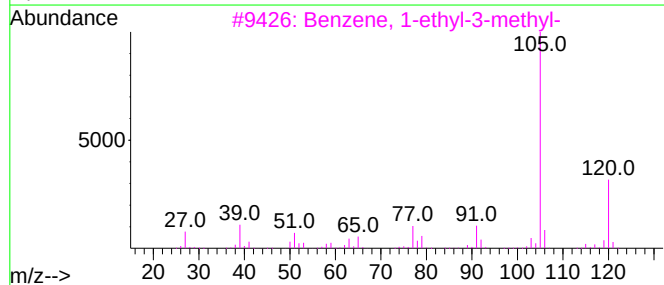
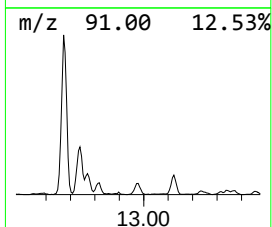
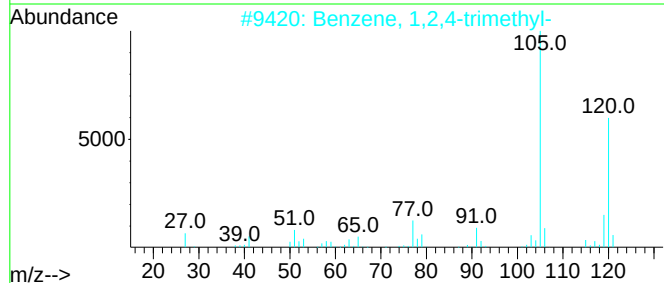
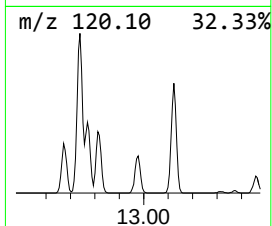
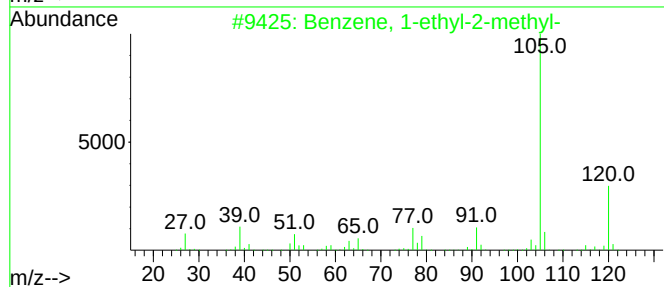
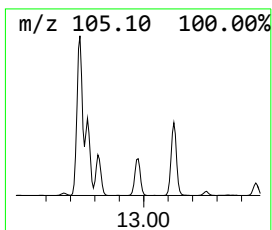
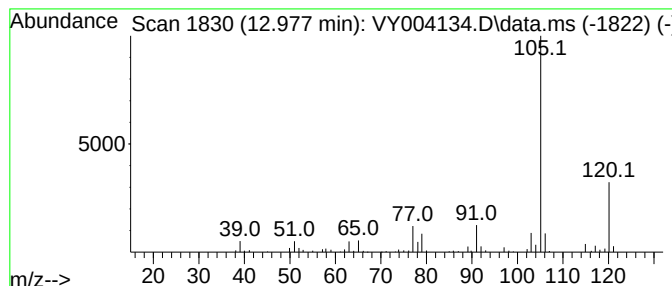
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.977	26.09 ug/l	115821	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5			Mesitylene	120	C9H12	000108-67-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031921\
Data File : VY004134.D
Acq On : 19 Mar 2021 13:15
Operator : SY/MD
Sample : M1723-03
Misc : 13.26g/5mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RO124027

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentane, 2,2,4-...	8.338	30.1	ug/l	147037	2	8.697	243831	50.0
Heptane	8.557	28.4	ug/l	138735	2	8.697	243831	50.0
Acetic acid, 1,...	9.081	154.0	ug/l	750838	2	8.697	243831	50.0
Pentane, 2,3,3-...	9.752	21.5	ug/l	104739	2	8.697	243831	50.0
Oxalic acid, is...	10.368	42.6	ug/l	133787	3	11.496	156872	50.0
Acetic acid, bu...	10.935	75.5	ug/l	236755	3	11.496	156872	50.0
Benzene, 1-ethy...	12.739	100.7	ug/l	447044	4	13.428	221967	50.0
Benzene, 1-ethy...	12.977	26.1	ug/l	115821	4	13.428	221967	50.0