LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
Data File : VY004319.D
Acq On : 07 Apr 2021 16:51
Operator : SY/MD
Sample : M1952-01
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 17210

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\82Y032921S.M
Title : SW846 8260

Signal : TIC: VY004319.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	339	351	390	rBV	10221286	28555316	50.09%	24.872%
2	7.777	960	977	987	rBV2	1833021	4976356	8.73%	4.334%
3	7.880	987	994	1005	rVB	557988	1354522	2.38%	1.180%
4	8.008	1005	1015	1031	rBV	2377439	5475935	9.61%	4.770%
5	8.277	1049	1059	1067	rBV3	296251	734161	1.29%	0.639%
6	8.551	1095	1104	1118	rBV	1275273	2521904	4.42%	2.197%
7	8.697	1120	1128	1141	rVB	347332	680884	1.19%	0.593%
8	10.185	1363	1372	1376	rBV	613087	1110663	1.95%	0.967%
9	10.252	1376	1383	1391	rVB	30834381	57008996	100.00%	49.655%
10	11.495	1581	1587	1593	rBV	482090	771048	1.35%	0.672%
11	11.709	1612	1622	1631	rBV4	966863	2146478	3.77%	1.870%
12	12.032	1663	1675	1683	rBV2	446455	1074506	1.88%	0.936%
13	12.739	1784	1791	1794	rBV	561730	915825	1.61%	0.798%
14	12.806	1798	1802	1808	rVB2	936659	1530383	2.68%	1.333%
15	12.977	1816	1830	1834	rBV	293995	640517	1.12%	0.558%
16	13.123	1847	1854	1859	rBV	929653	1379574	2.42%	1.202%
17	13.428	1897	1904	1907	rBV2	448205	753979	1.32%	0.657%
18	13.629	1928	1937	1940	rBV2	438712	736746	1.29%	0.642%
19	13.672	1940	1944	1952	rVB3	276582	616346	1.08%	0.537%
20	13.757	1952	1958	1962	rBV	663624	997823	1.75%	0.869%
21	14.684	2103	2110	2115	rBV4	373583	828936	1.45%	0.722%

Sum of corrected areas: 114810898

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
Data File : VY004319.D
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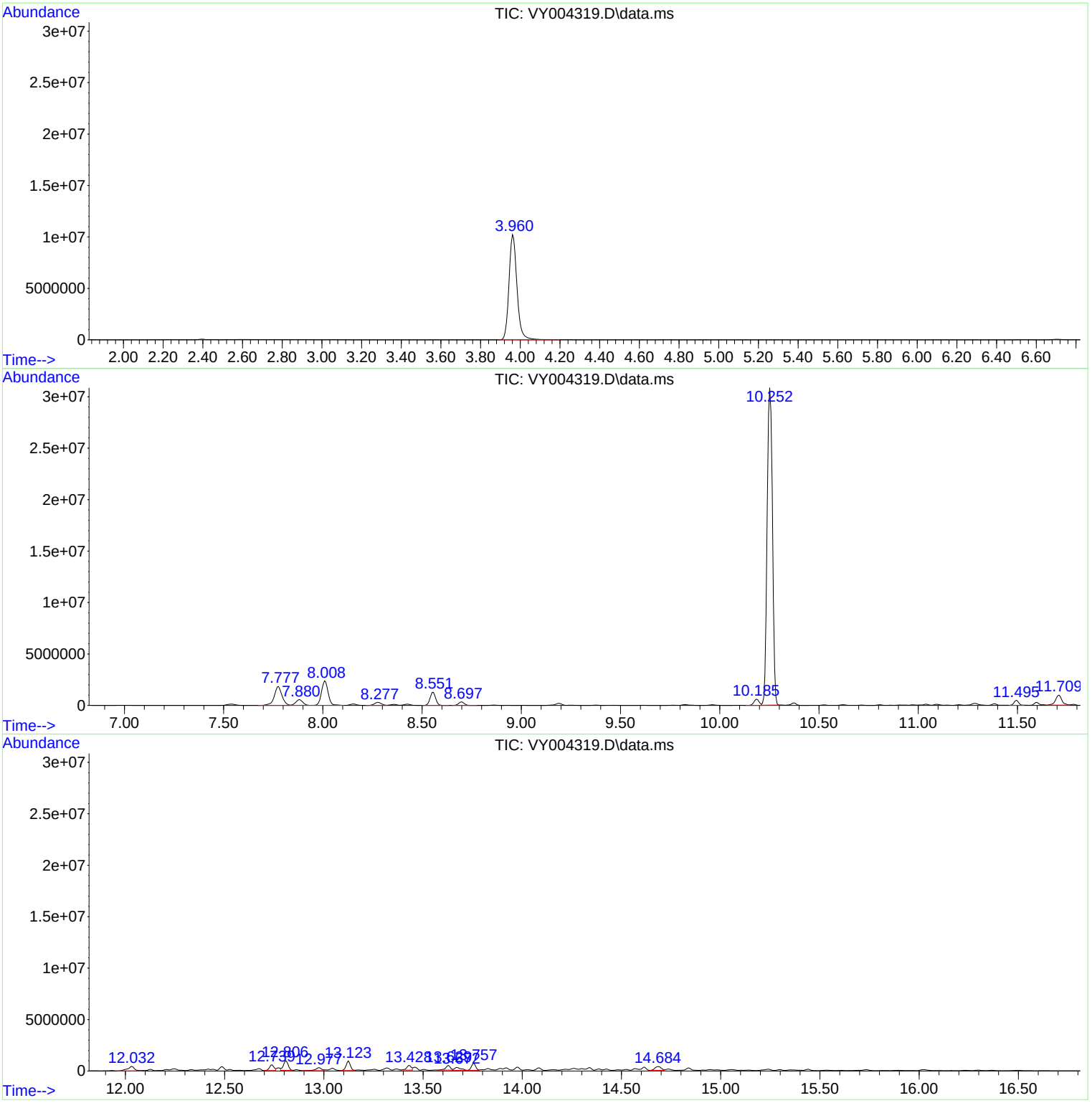
Operator : SY/MD
Sample : M1952-01
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
17210

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
Data File : VY004319.D
Acq On : 07 Apr 2021 16:51
Operator : SY/MD
Sample : M1952-01
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
17210

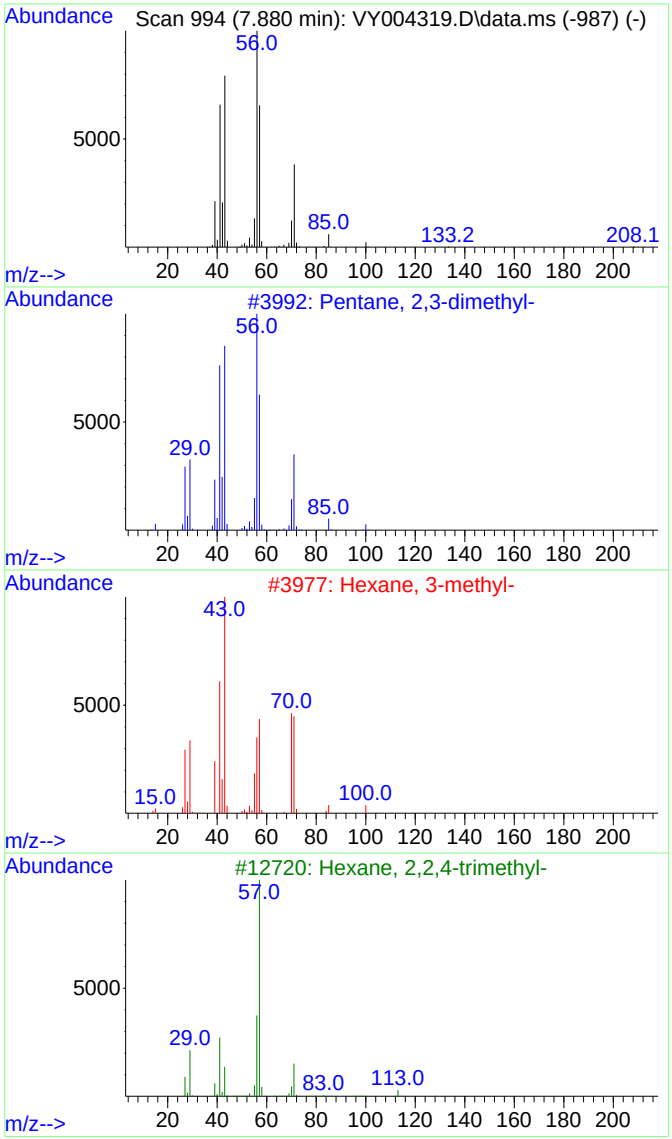
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

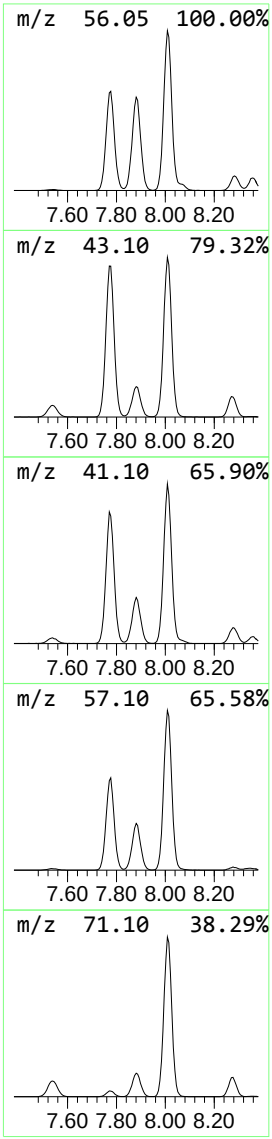
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentane, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.880	13.61 ug/l	1354520	Pentafluorobenzene	7.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	95
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	43
3	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42
4	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	38
5	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
Data File : VY004319.D
Acq On : 07 Apr 2021 16:51
Operator : SY/MD
Sample : M1952-01
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
17210

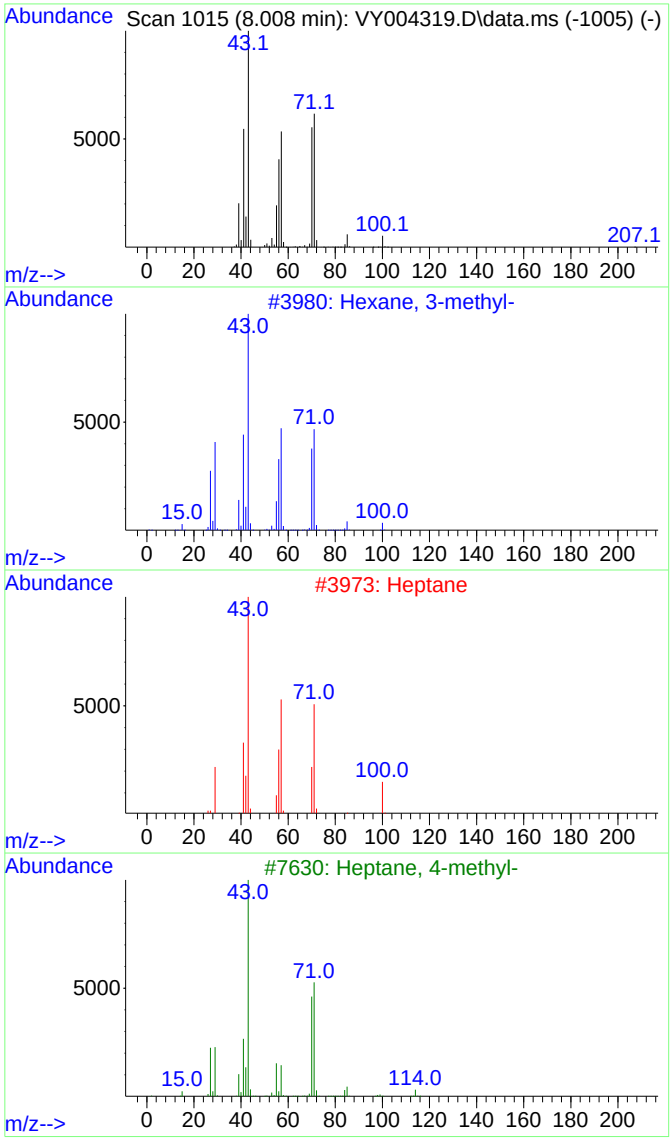
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

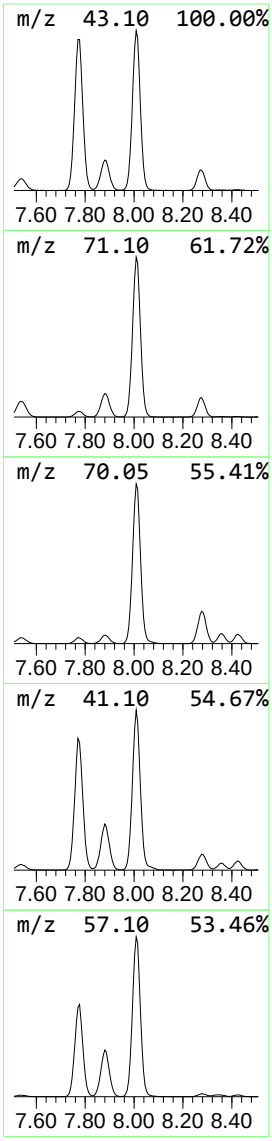
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.008	55.02 ug/l	5475940	Pentafluorobenzene	7.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	94
2	Heptane	100	C7H16	000142-82-5	80
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53
5	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
Data File : VY004319.D
Acq On : 07 Apr 2021 16:51
Operator : SY/MD
Sample : M1952-01
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 17210

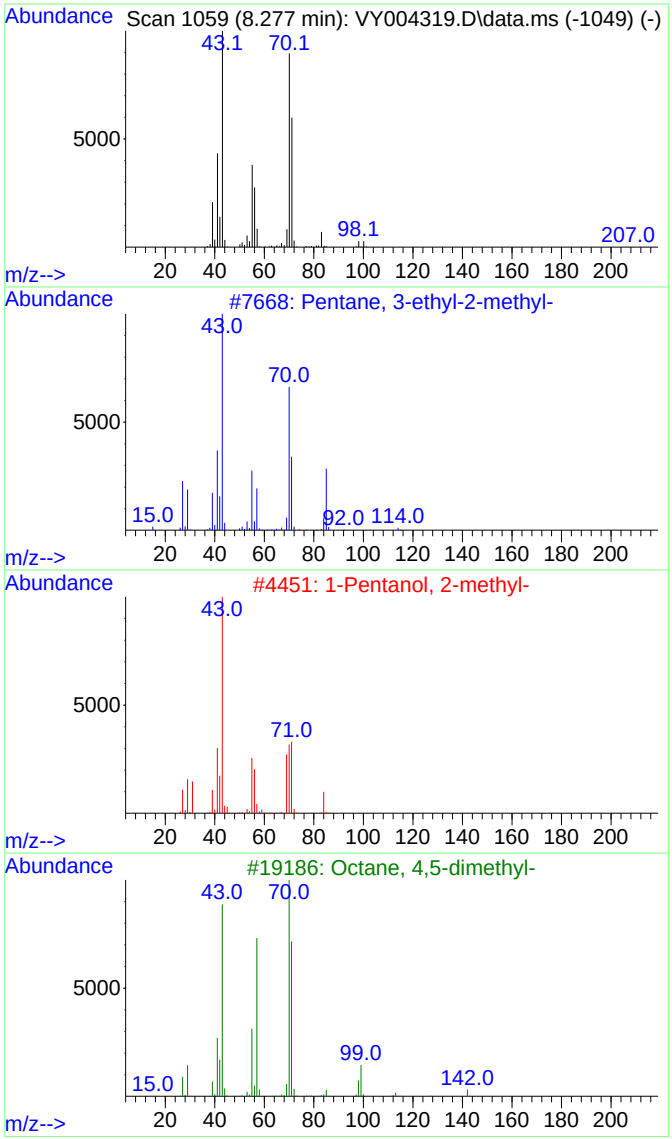
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

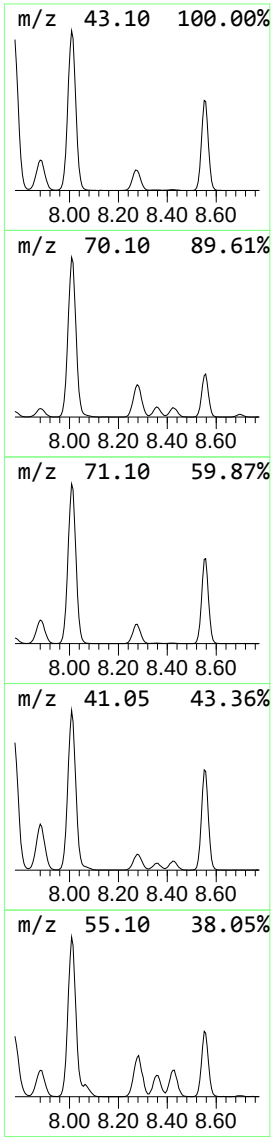
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane, 3-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.277	53.91 ug/l	734161	1,4-Difluorobenzene	8.697

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	72
2	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	59
3	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	56
4	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	50
5	1-Butanol, 3-methyl-, acetate	130	C7H14O2	000123-92-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
Data File : VY004319.D
Acq On : 07 Apr 2021 16:51
Operator : SY/MD
Sample : M1952-01
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 17210

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

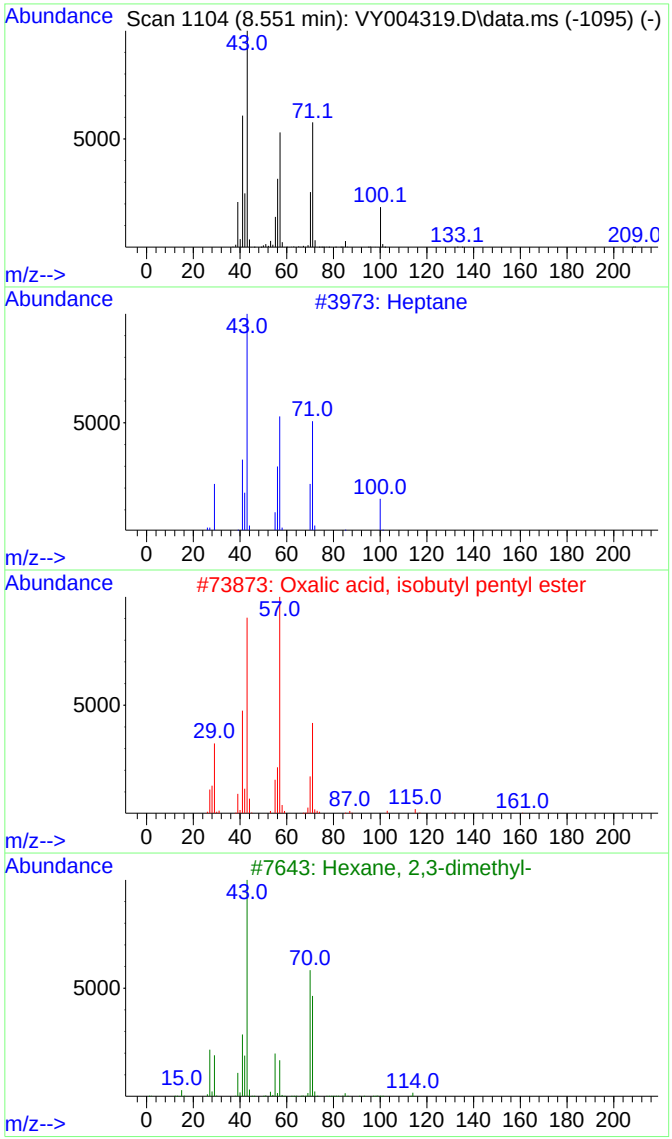
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

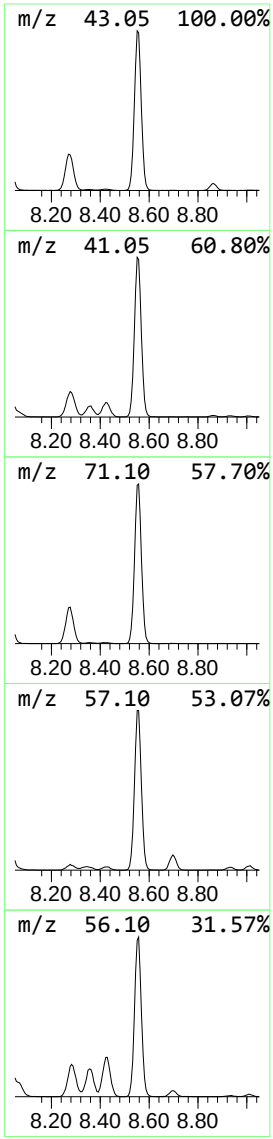
****

Peak Number 4 Heptane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.551	185.19 ug/l	2521900	1,4-Difluorobenzene	8.697

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	40
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	40
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
Data File : VY004319.D
Acq On : 07 Apr 2021 16:51
Operator : SY/MD
Sample : M1952-01
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
17210

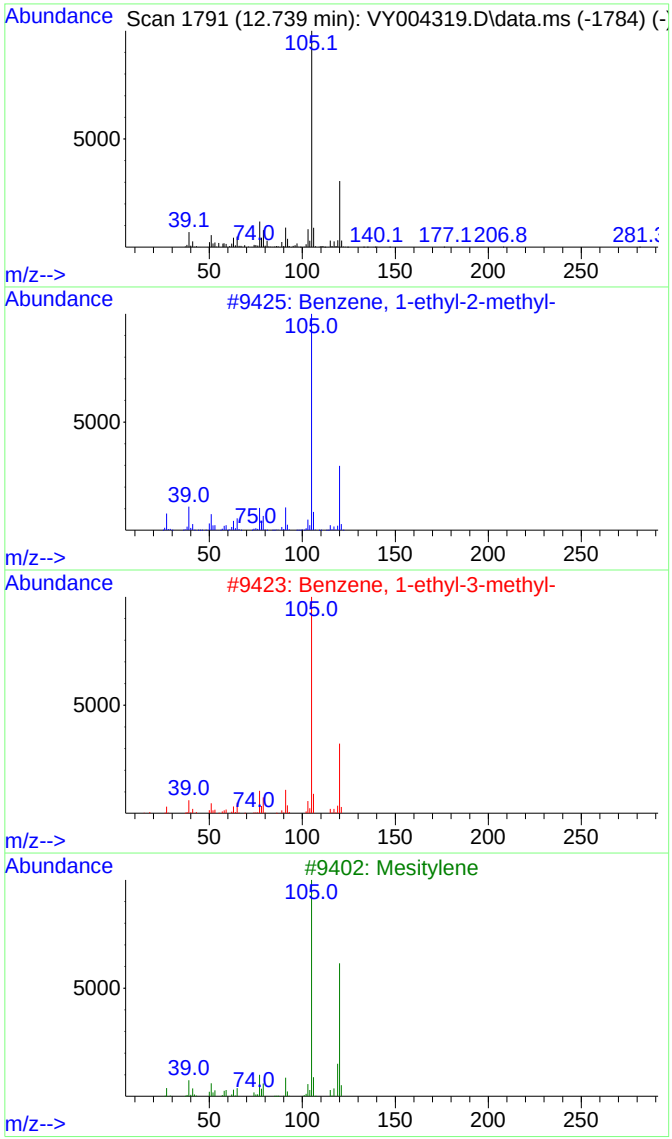
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

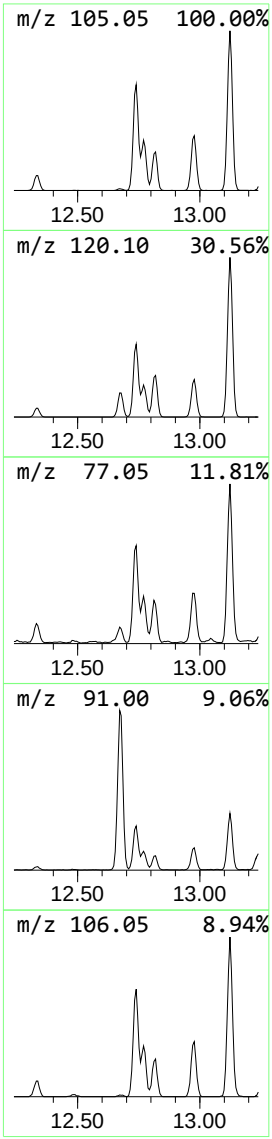
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.739	60.73 ug/l	915825	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	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
Data File : VY004319.D
Acq On : 07 Apr 2021 16:51
Operator : SY/MD
Sample : M1952-01
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 17210

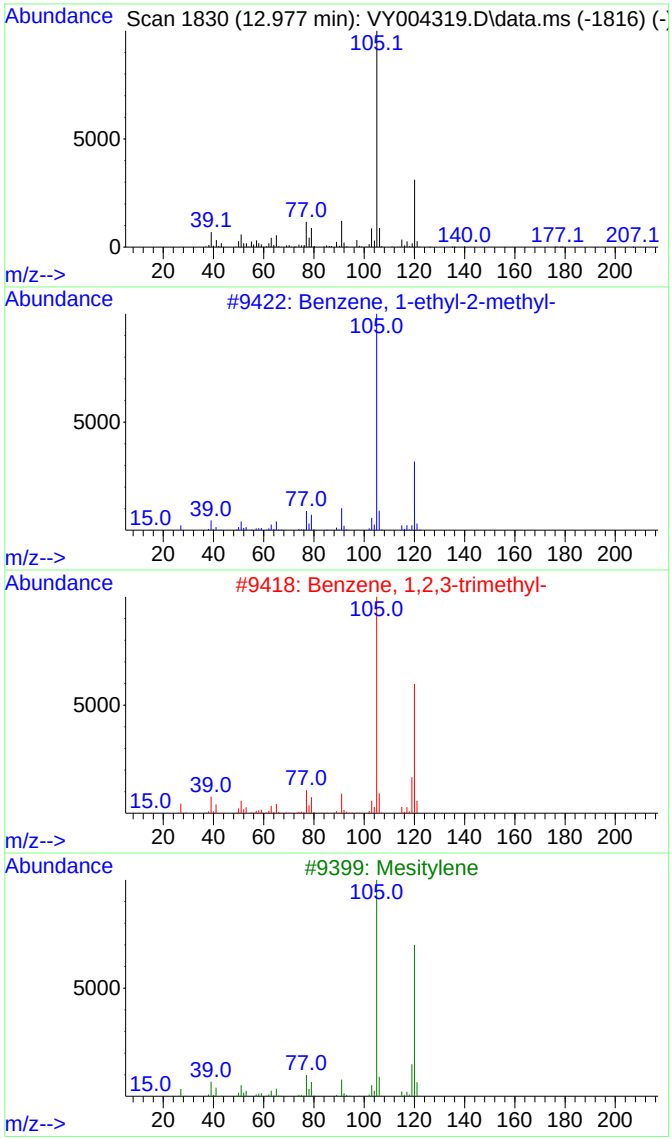
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

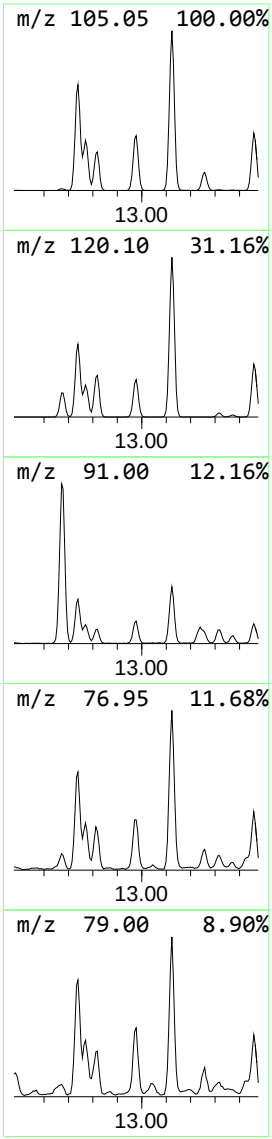
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.977	42.48 ug/l	640517	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
Data File : VY004319.D
Acq On : 07 Apr 2021 16:51
Operator : SY/MD
Sample : M1952-01
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 17210

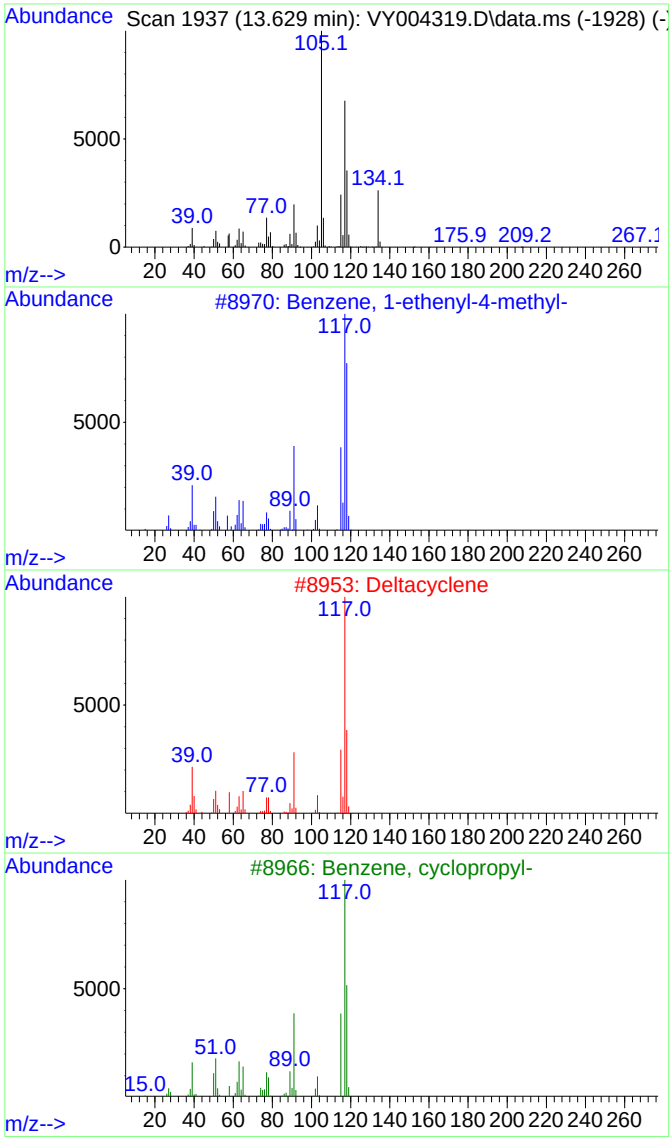
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

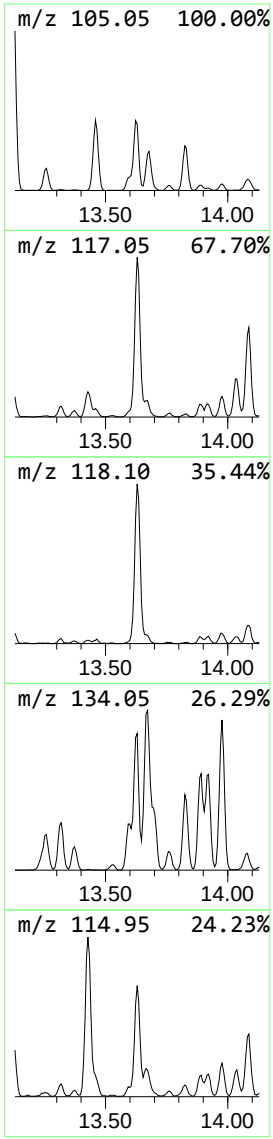
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethenyl-4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	48.86 ug/l	736746	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	50
2	Deltacyclene	118	C9H10	007785-10-6	50
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	50
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	50
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
Data File : VY004319.D
Acq On : 07 Apr 2021 16:51
Operator : SY/MD
Sample : M1952-01
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
17210

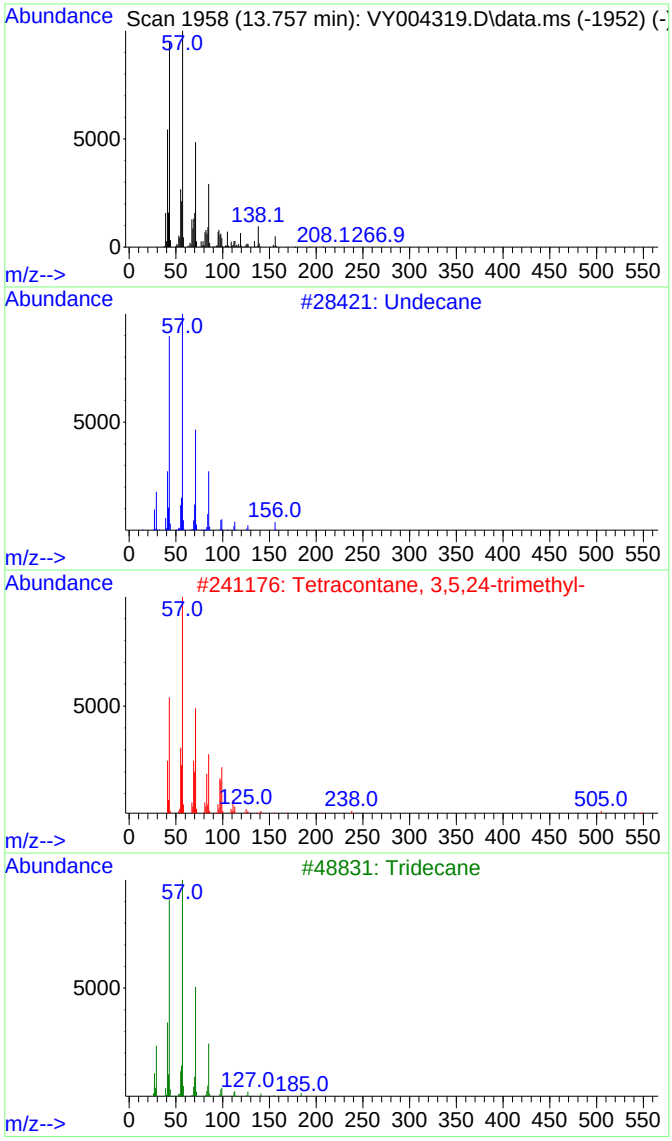
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

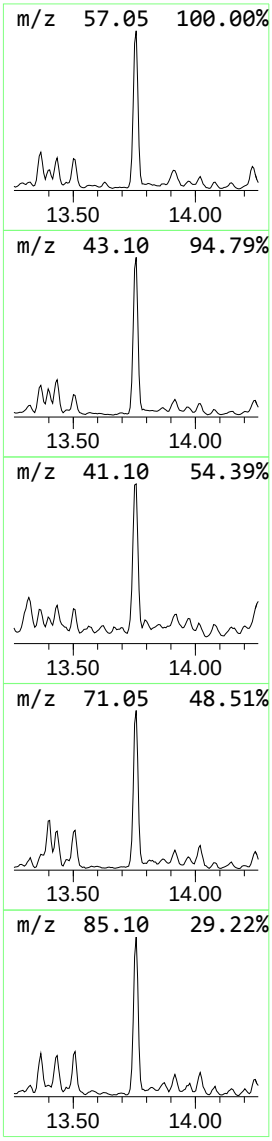
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	66.17 ug/l	997823	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	87
2	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	59
3	Tridecane	184	C13H28	000629-50-5	59
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	50
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	50





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Operator : SY/MD
Sample : M1952-01
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 17210

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

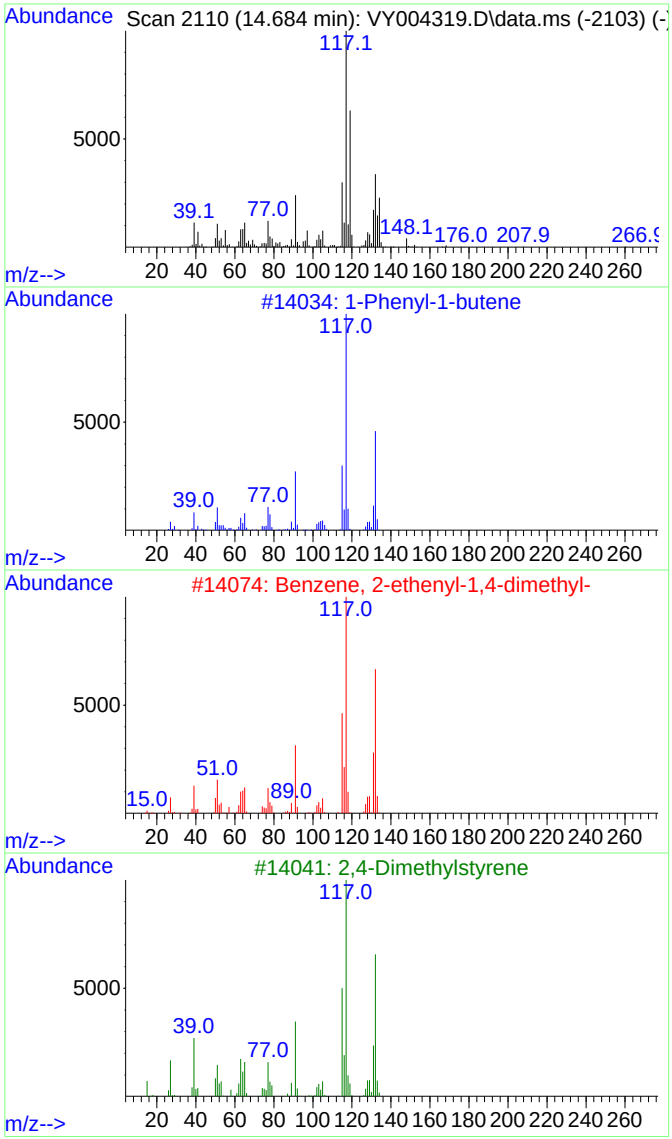
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

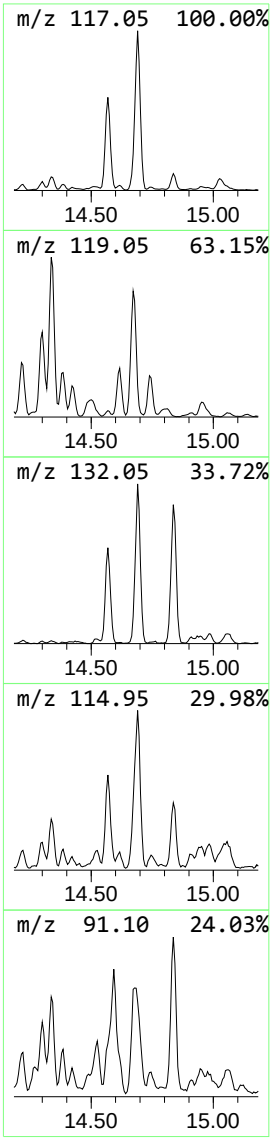
****

Peak Number 9 1-Phenyl-1-butene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	54.97 ug/l	828936	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	89
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
Data File : VY004319.D
Acq On : 07 Apr 2021 16:51
Operator : SY/MD
Sample : M1952-01
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 17210

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.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
Pentane, 2,3-di...	7.880	13.6	ug/l	1354520	1	7.801	4976360	50.0
Hexane, 3-methyl-	8.008	55.0	ug/l	5475940	1	7.801	4976360	50.0
Pentane, 3-ethy...	8.277	53.9	ug/l	734161	2	8.697	680884	50.0
Heptane	8.551	185.2	ug/l	2521900	2	8.697	680884	50.0
Benzene, 1-ethy...	12.739	60.7	ug/l	915825	4	13.428	753979	50.0
Benzene, 1,2,3-...	12.977	42.5	ug/l	640517	4	13.428	753979	50.0
Benzene, 1-ethe...	13.629	48.9	ug/l	736746	4	13.428	753979	50.0
Undecane	13.757	66.2	ug/l	997823	4	13.428	753979	50.0
1-Phenyl-1-butene	14.684	55.0	ug/l	828936	4	13.428	753979	50.0