LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
Data File : VY007978.D
Acq On : 22 Mar 2022 01:53
Operator : SY/MD
Sample : N1977-07
Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-14-20220315-18.5-19.5

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\82Y031722S.M
Title : SW846 8260

Signal : TIC: VY007978.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.192	378	389	409	rBV	89534	246729	3.21%	1.071%
2	7.716	957	967	973	rBV	201761	480787	6.26%	2.088%
3	7.789	973	979	989	rVB	332450	746181	9.72%	3.240%
4	8.161	1028	1040	1055	rBV	3349275	7677827	100.00%	33.341%
5	8.691	1118	1127	1140	rBV	530670	1072786	13.97%	4.659%
6	10.179	1363	1371	1377	rBV	889694	1502410	19.57%	6.524%
7	10.240	1377	1381	1391	rVB	83749	145724	1.90%	0.633%
8	11.087	1515	1520	1526	rBV2	43924	82297	1.07%	0.357%
9	11.490	1579	1586	1596	rBV	788559	1294430	16.86%	5.621%
10	11.593	1596	1603	1613	rBV	1268475	1979833	25.79%	8.597%
11	11.697	1613	1620	1630	rBV	389241	760497	9.91%	3.302%
12	12.026	1662	1674	1681	rBV	993040	1684709	21.94%	7.316%
13	12.124	1686	1690	1694	rVB	61293	88644	1.15%	0.385%
14	12.233	1704	1708	1713	rVB	139860	224373	2.92%	0.974%
15	12.325	1719	1723	1728	rBV3	47827	81313	1.06%	0.353%
16	12.483	1743	1749	1759	rBV2	1005973	1851943	24.12%	8.042%
17	12.642	1771	1775	1782	rVB	80397	143618	1.87%	0.624%
18	12.733	1782	1790	1794	rBV3	67457	146913	1.91%	0.638%
19	12.806	1796	1802	1809	rVV9	50594	132403	1.72%	0.575%
20	12.971	1822	1829	1836	rBV4	35381	114895	1.50%	0.499%
21	13.038	1836	1840	1848	rVB2	75788	126272	1.64%	0.548%
22	13.318	1878	1886	1889	rBV6	39108	94652	1.23%	0.411%
23	13.422	1897	1903	1913	rVB	735269	1220701	15.90%	5.301%
24	13.629	1931	1937	1950	rVB	206689	377060	4.91%	1.637%
25	13.751	1952	1957	1961	rBV5	53737	92283	1.20%	0.401%
26	13.806	1961	1966	1971	rBV	86152	135930	1.77%	0.590%
27	13.965	1987	1992	1997	rVV2	86183	135492	1.76%	0.588%
28	14.257	2034	2040	2049	rBV8	41097	91903	1.20%	0.399%
29	14.727	2113	2117	2128	rVB2	87934	204183	2.66%	0.887%
30	15.233	2195	2200	2206	rVB	54758	91692	1.19%	0.398%

Sum of corrected areas: 23028480

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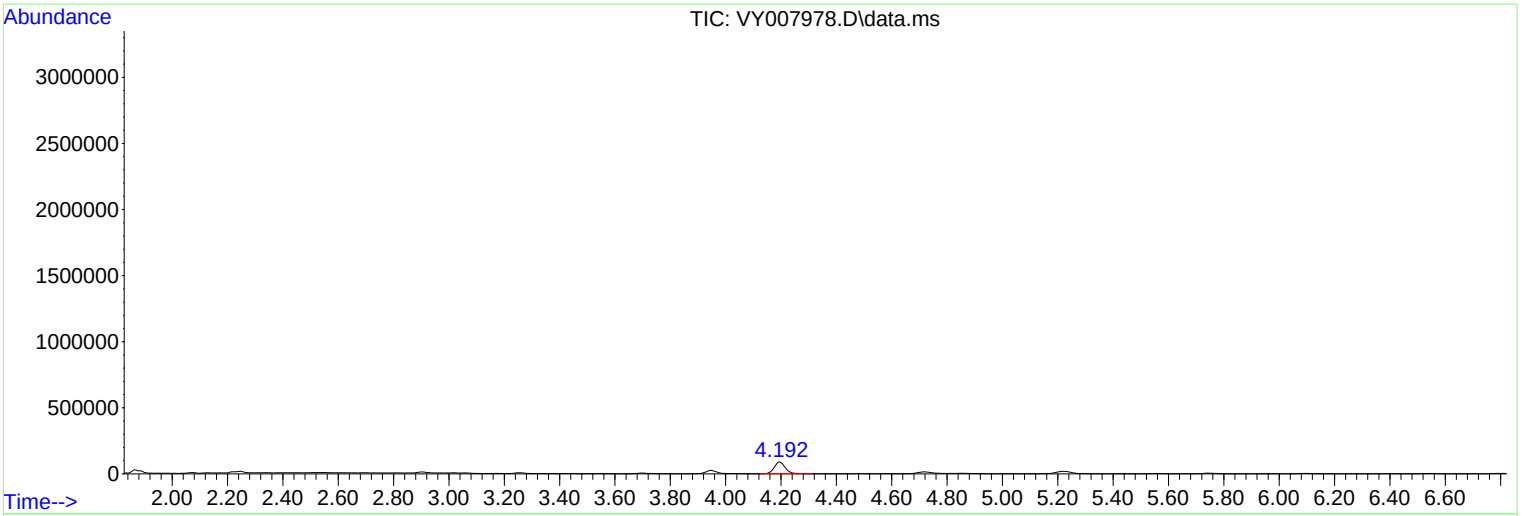
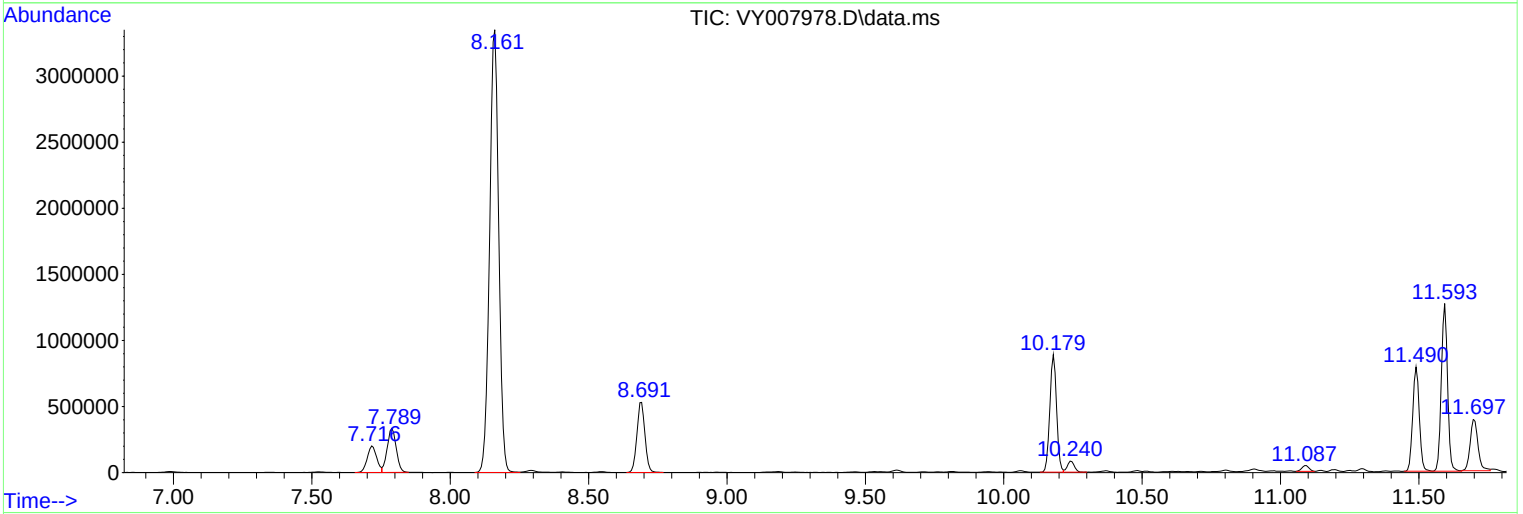
Sample : N1977-07
Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 42 Sample Multiplier: 1

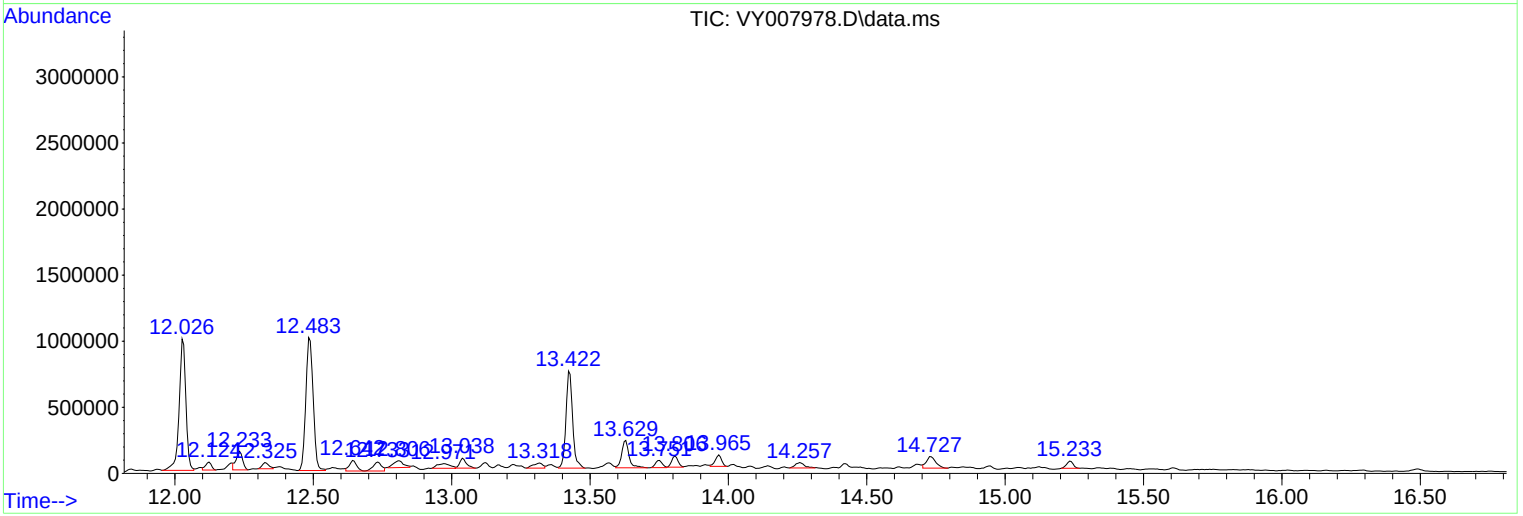
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-20220315-18.5-19.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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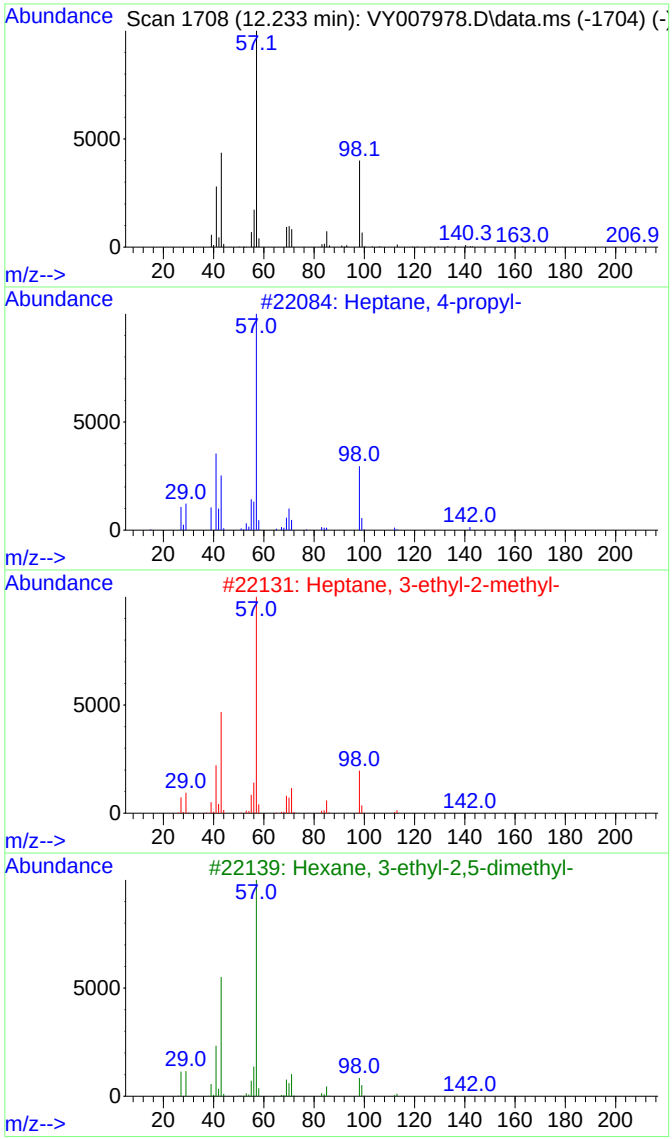
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

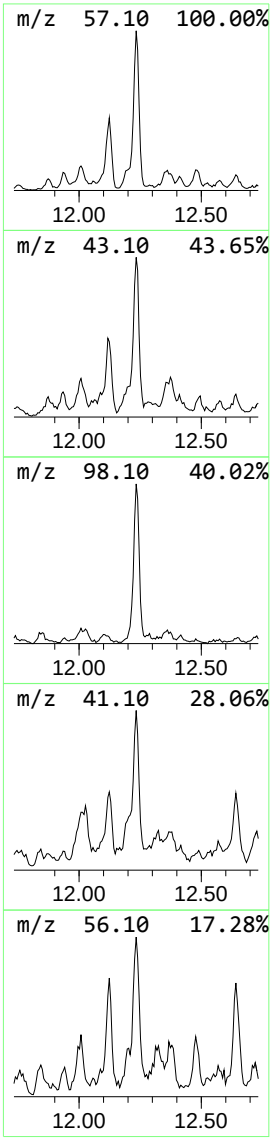
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Heptane, 4-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.233	8.67 ug/l	224373	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-propyl-	142	C10H22	003178-29-8	83
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
3	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	50
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	49
5	Undecane, 6-methyl-	170	C12H26	017302-33-9	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
Data File : VY007978.D
Acq On : 22 Mar 2022 01:53
Operator : SY/MD
Sample : N1977-07
Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-14-20220315-18.5-19.5

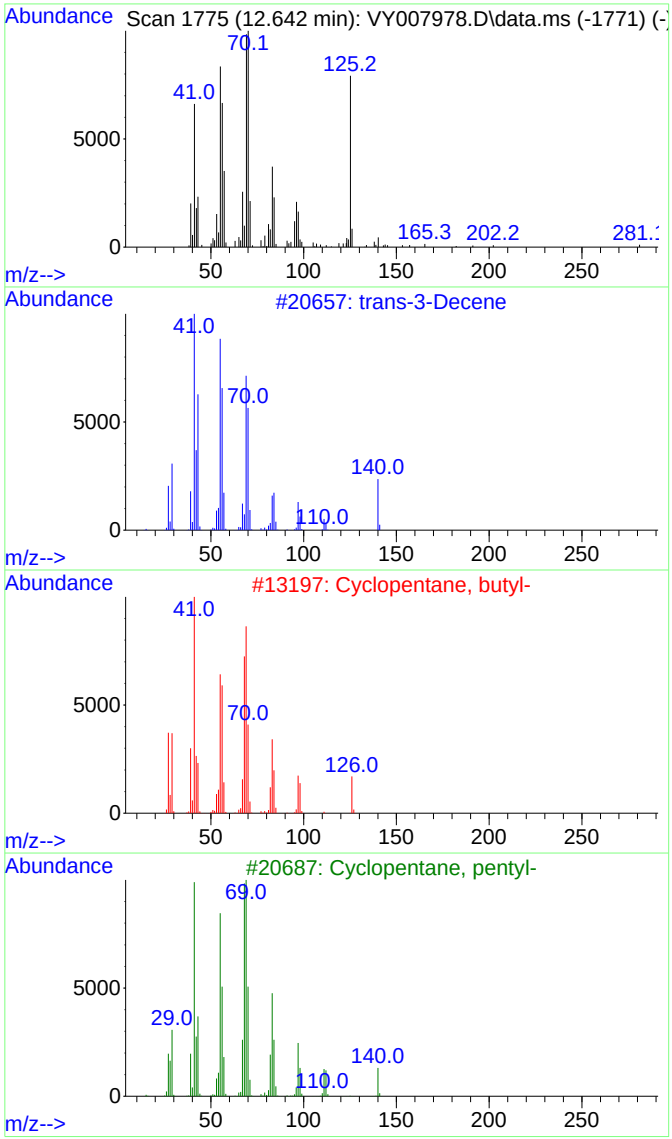
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

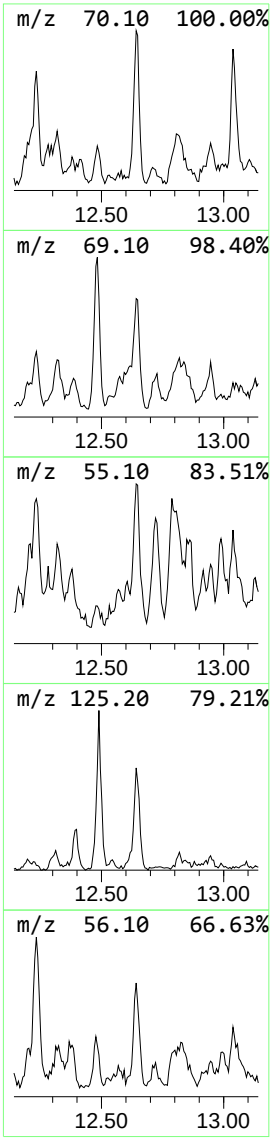
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 trans-3-Decene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.642	5.88 ug/l	143618	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-3-Decene	140	C10H20	019150-21-1	58
2	Cyclopentane, butyl-	126	C9H18	002040-95-1	46
3	Cyclopentane, pentyl-	140	C10H20	003741-00-2	43
4	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	43
5	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	41





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
Data File : VY007978.D
Acq On : 22 Mar 2022 01:53
Operator : SY/MD
Sample : N1977-07
Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-14-20220315-18.5-19.5

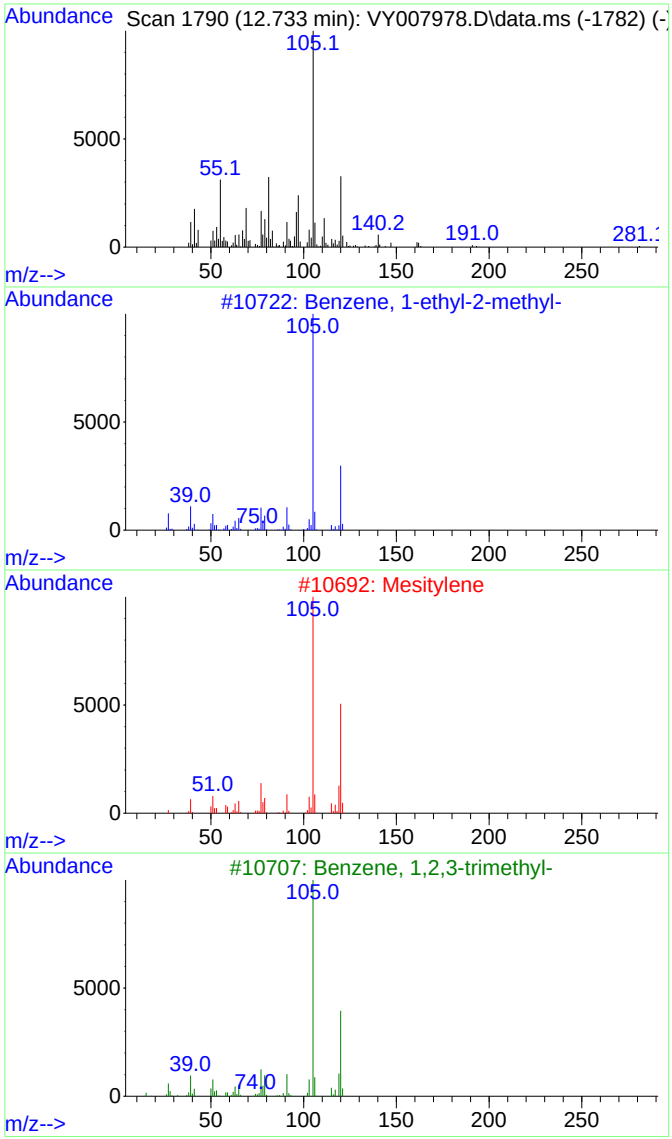
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

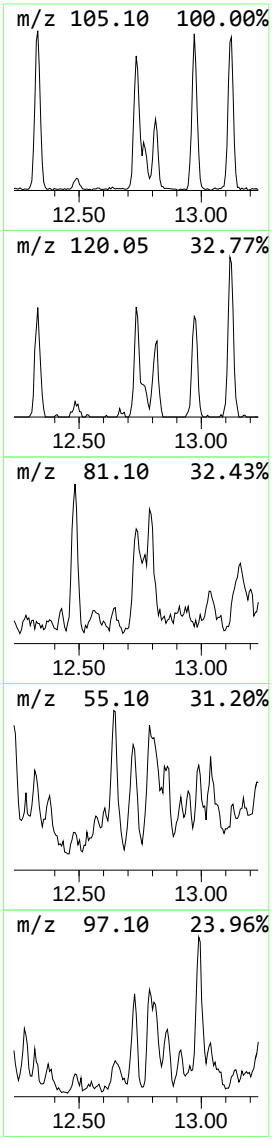
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	6.02 ug/l	146913	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
2	Mesitylene	120	C9H12	000108-67-8	55
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	55
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	55
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
Data File : VY007978.D
Acq On : 22 Mar 2022 01:53
Operator : SY/MD
Sample : N1977-07
Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-14-20220315-18.5-19.5

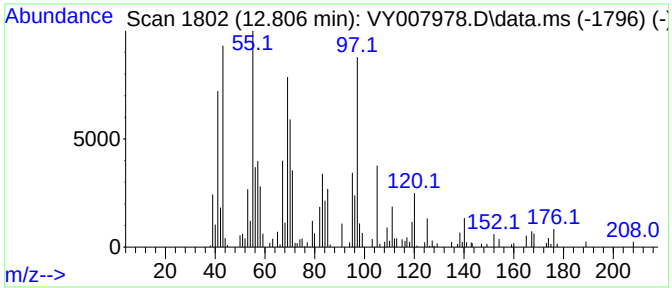
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

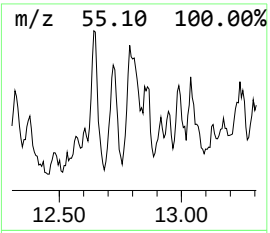
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

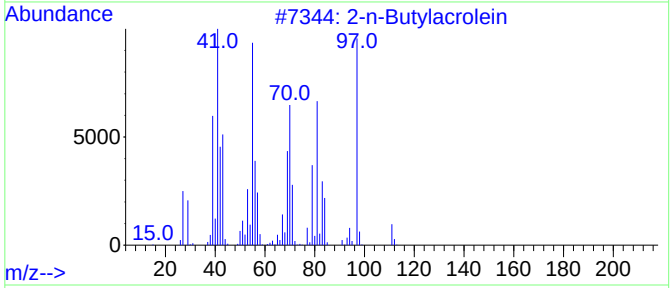
****
Peak Number 4 2-n-Butylacrolein Concentration Rank 8

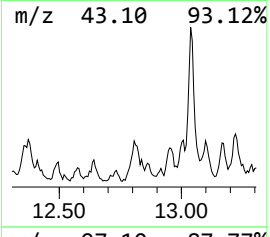
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.806	5.42 ug/l	132403	1,4-Dichlorobenzene-d4	13.422

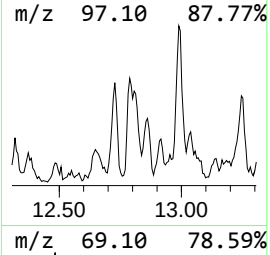
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-n-Butylacrolein	112	C7H12O	001070-66-2	55
2	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	46
3	5-Decene, (E)-	140	C10H20	007433-56-9	45
4	Cyclopropane, 1-butyl-2-pentyl-,...	168	C12H24	074663-88-0	38
5	3-(But-3-enyl)-cyclohexanone	152	C10H16O	003636-03-1	38

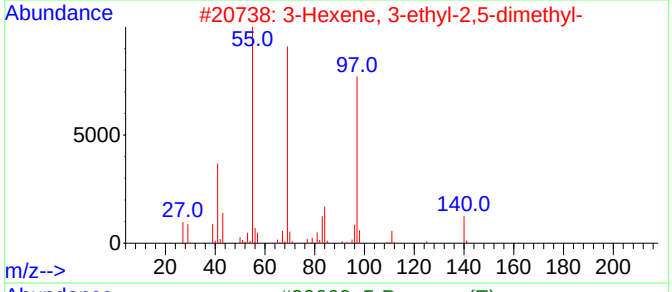


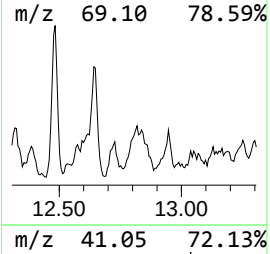


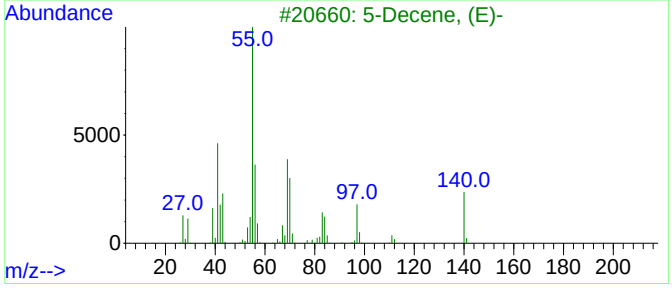


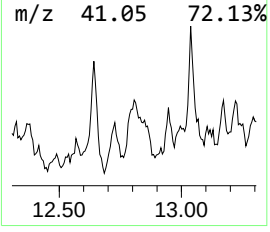












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ClientSampleId :
SB-14-20220315-18.5-19.5

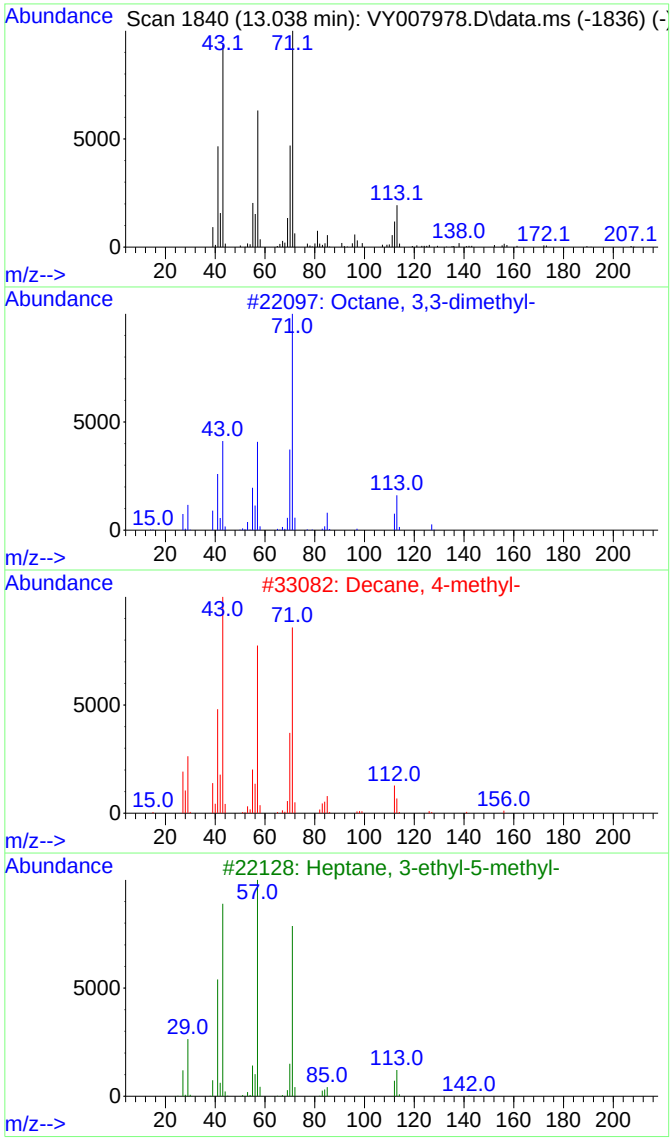
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

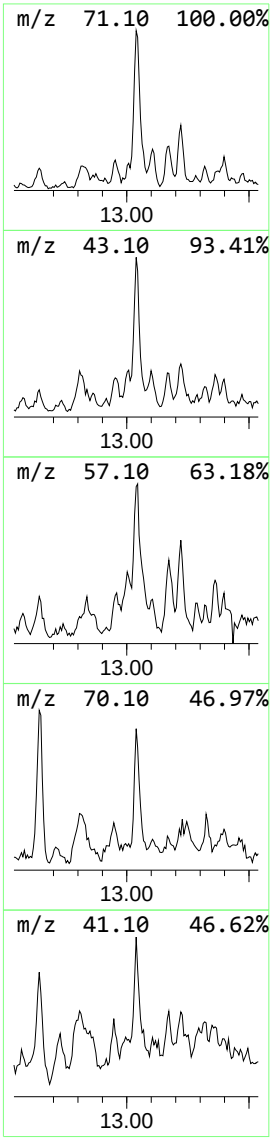
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Octane, 3,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.038	5.17 ug/l	126272	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
2	Decane, 4-methyl-	156	C11H24	002847-72-5	72
3	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	72
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	59





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Instrument :
MSVOA_Y
ClientSampleId :
SB-14-20220315-18.5-19.5

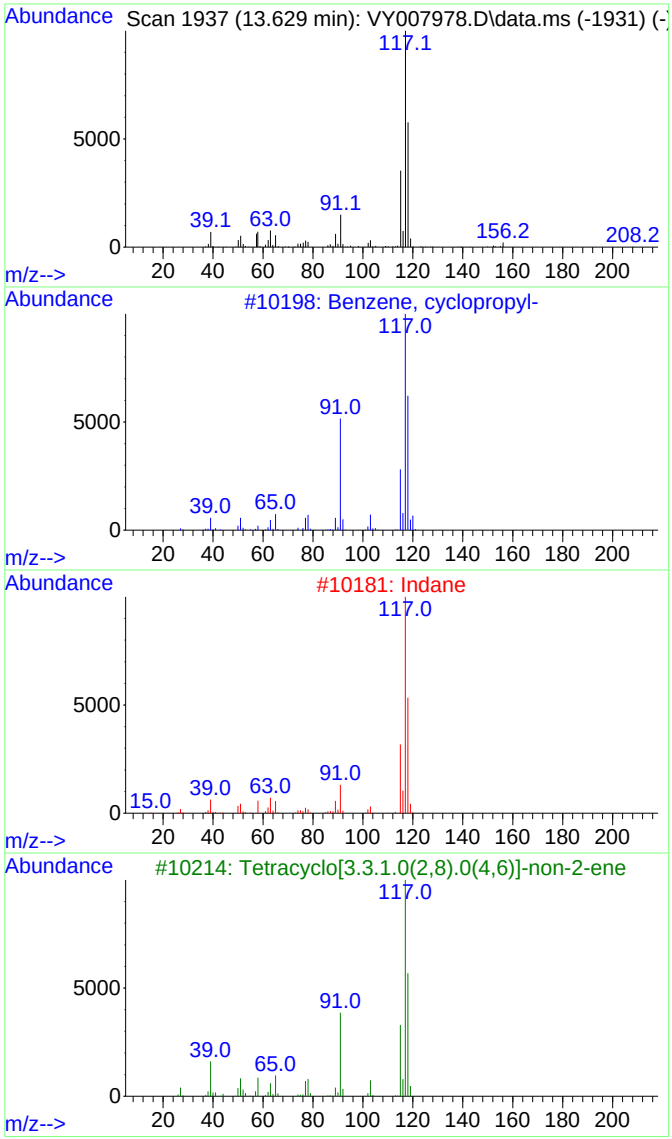
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

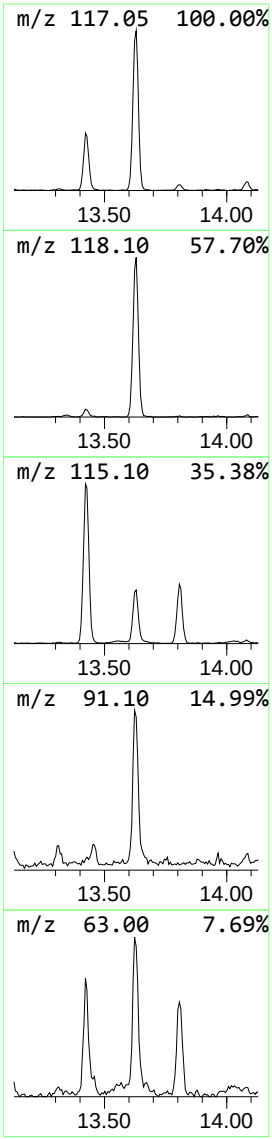
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, cyclopropyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	15.44 ug/l	377060	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
2	Indane	118	C9H10	000496-11-7	81
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	72
5	Deltacyclene	118	C9H10	007785-10-6	72





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Operator : SY/MD
Sample : N1977-07
Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-14-20220315-18.5-19.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

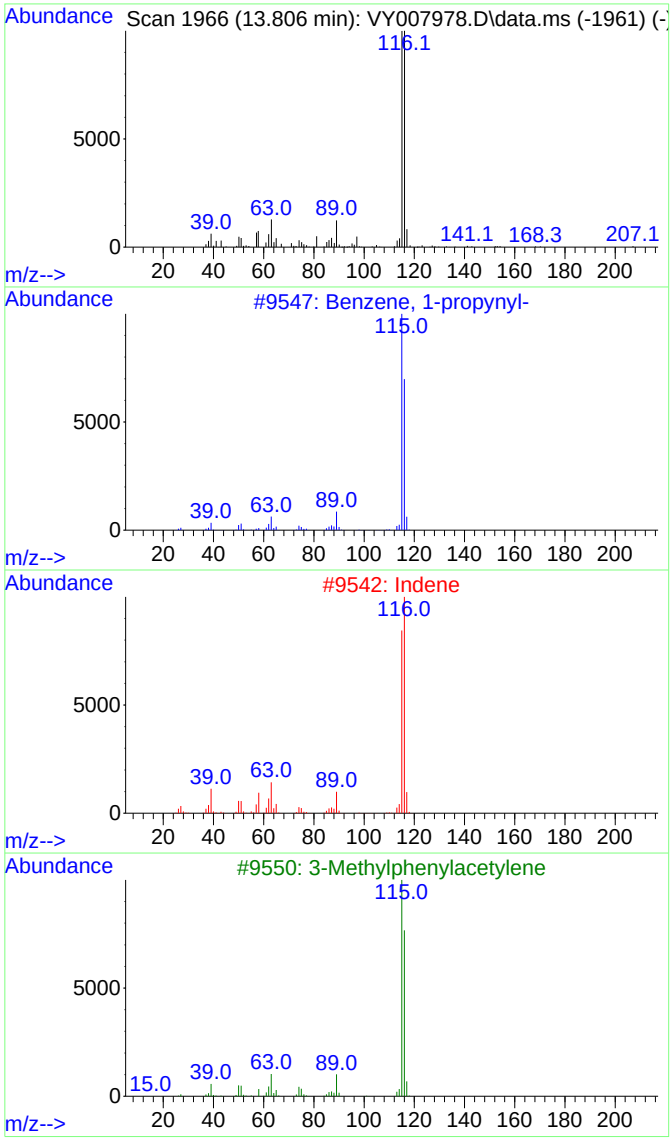
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

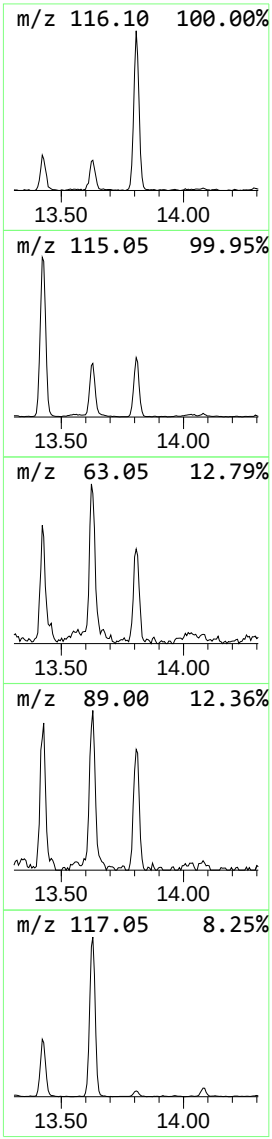
****

Peak Number 7 Benzene, 1-propynyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.806	5.57 ug/l	135930	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	Indene	116	C9H8	000095-13-6	93
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
Data File : VY007978.D
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Operator : SY/MD
Sample : N1977-07
Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-14-20220315-18.5-19.5

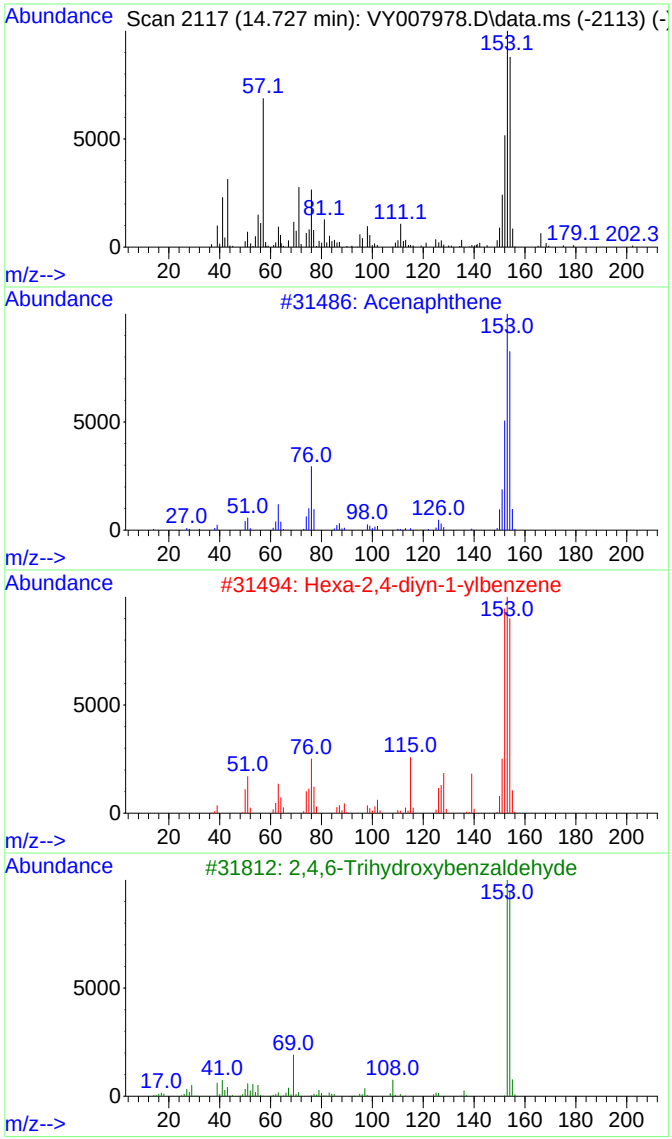
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

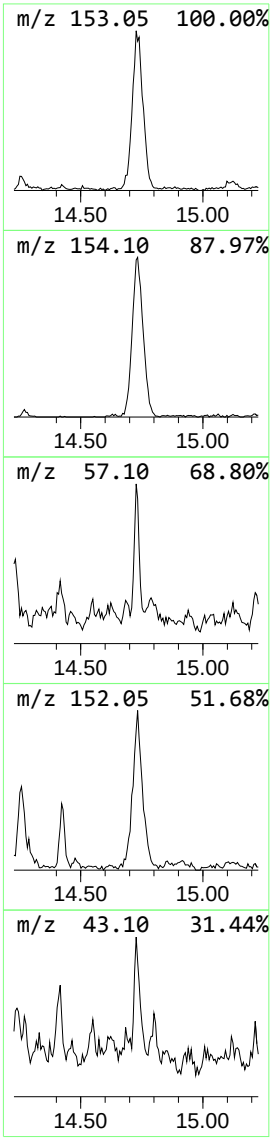
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.727	8.36 ug/l	204183	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	60
2	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	50
3	2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	43
4	2,3,4-Trihydroxybenzaldehyde	154	C7H6O4	002144-08-3	43
5	2-Fluorobenzothiazole	153	C7H4FNS	001123-98-4	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
Data File : VY007978.D
Acq On : 22 Mar 2022 01:53
Operator : SY/MD
Sample : N1977-07
Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-14-20220315-18.5-19.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Heptane, 4-propyl-	12.233	8.7	ug/l	224373	3	11.490	1294430	50.0
trans-3-Decene	12.642	5.9	ug/l	143618	4	13.422	1220700	50.0
Benzene, 1-ethy...	12.733	6.0	ug/l	146913	4	13.422	1220700	50.0
2-n-Butylacrolein	12.806	5.4	ug/l	132403	4	13.422	1220700	50.0
Octane, 3,3-dim...	13.038	5.2	ug/l	126272	4	13.422	1220700	50.0
Benzene, cyclop...	13.629	15.4	ug/l	377060	4	13.422	1220700	50.0
Benzene, 1-prop...	13.806	5.6	ug/l	135930	4	13.422	1220700	50.0
Hexa-2,4-diyn-1...	14.727	8.4	ug/l	204183	4	13.422	1220700	50.0