LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
Data File : VY019514.D
Acq On : 11 Sep 2024 17:16
Operator : SY/MD
Sample : P3911-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

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\82Y090924S.M
Title : SW846 8260

Signal : TIC: VY019514.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.824	15	17	27	rVB4	8058	14162	20.44%	1.660%
2	2.092	52	61	62	rBV4	7520	17028	24.58%	1.996%
3	2.165	70	73	77	rBV2	11965	17015	24.56%	1.994%
4	2.775	171	173	175	rBV3	1285	1216	1.76%	0.143%
5	3.184	235	240	243	rBV6	1254	1728	2.49%	0.203%
6	3.391	270	274	275	rBV3	1029	1338	1.93%	0.157%
7	3.690	322	323	326	rBV2	1334	1470	2.12%	0.172%
8	3.787	338	339	343	rVB4	1134	1214	1.75%	0.142%
9	4.019	375	377	381	rVB4	1258	1638	2.36%	0.192%
10	4.092	385	389	390	rBV3	1085	1302	1.88%	0.153%
11	4.714	488	491	495	rBV5	913	1443	2.08%	0.169%
12	5.073	546	550	552	rBV3	1280	1268	1.83%	0.149%
13	5.134	556	560	563	rBV5	1816	2507	3.62%	0.294%
14	5.293	582	586	589	rBV3	841	1248	1.80%	0.146%
15	6.238	737	741	745	rBV6	946	1462	2.11%	0.171%
16	6.610	793	802	808	rBV8	1618	5123	7.40%	0.600%
17	6.701	816	817	821	rVB4	1290	1487	2.15%	0.174%
18	6.823	833	837	839	rBV4	768	1307	1.89%	0.153%
19	7.500	944	948	951	rVB4	1493	1892	2.73%	0.222%
20	7.543	951	955	957	rBV4	992	1445	2.09%	0.169%
21	7.628	961	969	974	rVV2	9462	23281	33.61%	2.729%
22	7.701	975	981	990	rVB	18064	44039	63.57%	5.162%
23	7.908	1012	1015	1016	rBV2	1216	1245	1.80%	0.146%
24	8.073	1032	1042	1054	rVB2	25755	67854	97.95%	7.953%
25	8.475	1102	1108	1111	rBV6	2175	4356	6.29%	0.511%
26	8.609	1122	1130	1139	rBV	26383	56161	81.07%	6.583%
27	8.817	1161	1164	1167	rBV4	1133	1540	2.22%	0.181%
28	8.987	1187	1192	1195	rBV4	1450	2521	3.64%	0.295%
29	9.109	1206	1212	1218	rBV5	4248	8476	12.24%	0.993%
30	9.292	1237	1242	1246	rBV2	1225	2378	3.43%	0.279%
31	9.756	1312	1318	1325	rBV7	2086	5466	7.89%	0.641%
32	9.896	1334	1341	1343	rBV6	1220	2172	3.14%	0.255%
33	9.932	1345	1347	1352	rVB5	1021	1659	2.39%	0.194%
34	9.999	1352	1358	1362	rBV3	3549	6498	9.38%	0.762%
35	10.109	1369	1376	1381	rBV	37105	69275	100.00%	8.120%
36	10.170	1381	1386	1394	rVB	39906	68039	98.22%	7.975%

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Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

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

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Peak separation: 5

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Title : SW846 8260

37	10.298	1404	1407	1415	rVB8	2154	4098	5.92%	0.480%
38	10.444	1429	1431	1435	rBV5	1503	1812	2.62%	0.212%
39	10.609	1456	1458	1463	rVB5	1038	1710	2.47%	0.200%
40	10.859	1495	1499	1500	rBV3	1048	1218	1.76%	0.143%
41	10.883	1500	1503	1504	rBV3	1439	1325	1.91%	0.155%
42	10.932	1509	1511	1514	rBV3	1081	1293	1.87%	0.152%
43	11.133	1540	1544	1546	rBV5	974	1645	2.37%	0.193%
44	11.213	1553	1557	1560	rBV6	1436	2099	3.03%	0.246%
45	11.414	1584	1590	1599	rBV	30814	56091	80.97%	6.574%
46	11.517	1603	1607	1613	rVB2	6498	11833	17.08%	1.387%
47	11.627	1619	1625	1636	rVB	29831	57137	82.48%	6.697%
48	11.956	1673	1679	1686	rBV4	26034	55279	79.80%	6.479%
49	12.042	1689	1693	1696	rBV5	1325	2479	3.58%	0.291%
50	12.127	1703	1707	1710	rBV5	1479	1816	2.62%	0.213%
51	12.407	1747	1753	1758	rBV2	19838	31126	44.93%	3.648%
52	12.505	1764	1769	1772	rVB4	1242	1794	2.59%	0.210%
53	12.590	1780	1783	1788	rVB5	2093	3160	4.56%	0.370%
54	12.657	1788	1794	1799	rBV3	6507	12356	17.84%	1.448%
55	12.737	1802	1807	1813	rVB2	10965	17660	25.49%	2.070%
56	12.889	1830	1832	1837	rVB5	2865	4765	6.88%	0.559%
57	13.042	1849	1857	1862	rBV2	17059	29522	42.62%	3.460%
58	13.096	1864	1866	1868	rVB2	1791	1401	2.02%	0.164%
59	13.346	1901	1907	1910	rBV3	14476	27519	39.72%	3.226%
60	13.548	1936	1940	1944	rBV6	2026	3128	4.52%	0.367%
61	13.730	1965	1970	1973	rBV4	5415	7950	11.48%	0.932%
62	13.791	1977	1980	1981	rBV2	1673	1443	2.08%	0.169%
63	13.889	1988	1996	1999	rBV8	2920	6503	9.39%	0.762%
64	13.980	2009	2011	2014	rBV3	1774	1885	2.72%	0.221%
65	14.535	2100	2102	2104	rVB3	1570	1270	1.83%	0.149%
66	14.596	2107	2112	2116	rBV6	2228	3821	5.52%	0.448%
67	14.706	2128	2130	2136	rBV7	1196	2272	3.28%	0.266%
68	15.139	2196	2201	2211	rBV	22312	41804	60.35%	4.900%
69	15.340	2230	2234	2237	rBV5	1108	1717	2.48%	0.201%
70	15.596	2273	2276	2279	rBV5	1452	1969	2.84%	0.231%
71	15.779	2304	2306	2309	rBV3	1121	1396	2.02%	0.164%
72	15.840	2314	2316	2318	rBV3	1561	1317	1.90%	0.154%
73	16.248	2381	2383	2389	rBV6	1326	2326	3.36%	0.273%
74	16.663	2449	2451	2455	rBV4	1557	1701	2.46%	0.199%
75	16.742	2462	2464	2467	rVB4	1219	1274	1.84%	0.149%

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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Title : SW846 8260

Sum of corrected areas: 853167

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
Data File : VY019514.D
Acq On : 11 Sep 2024 17:16
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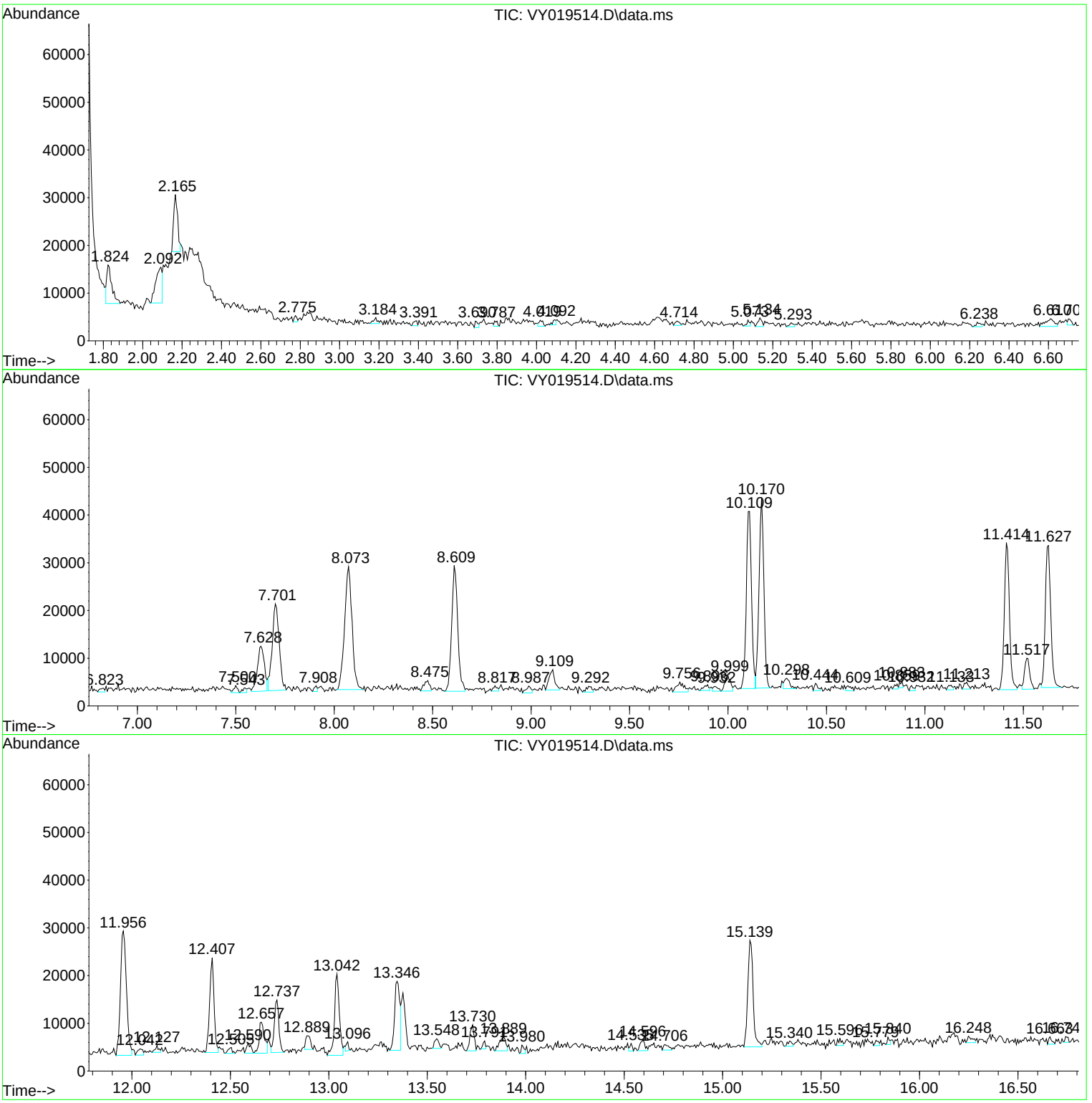
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
Data File : VY019514.D
Acq On : 11 Sep 2024 17:16
Operator : SY/MD
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

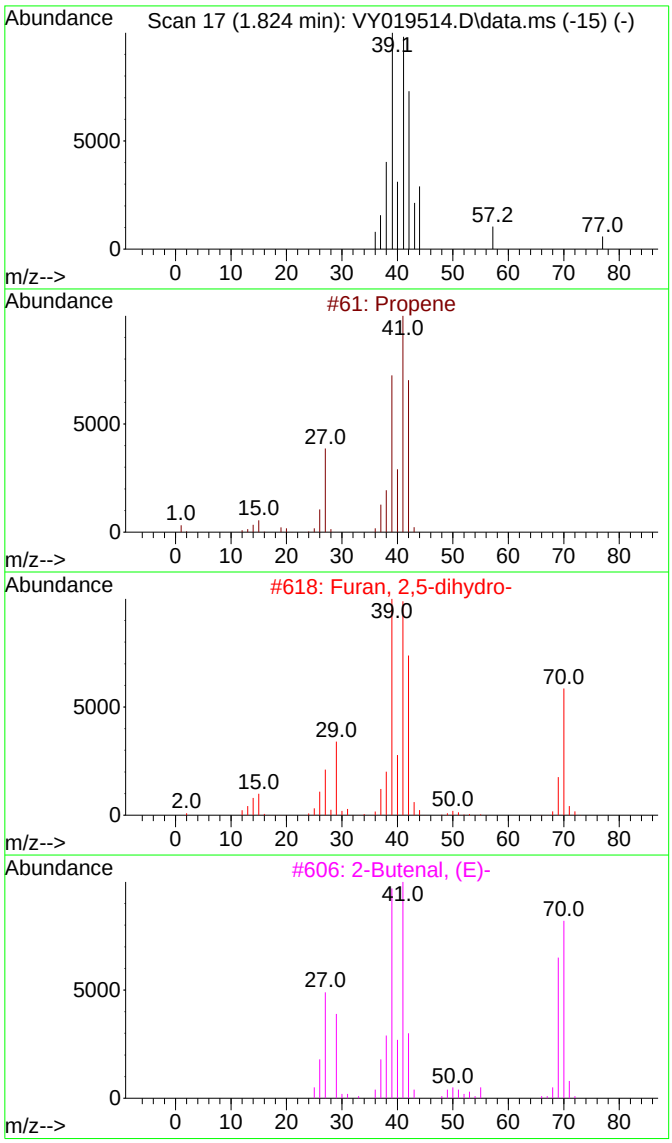
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

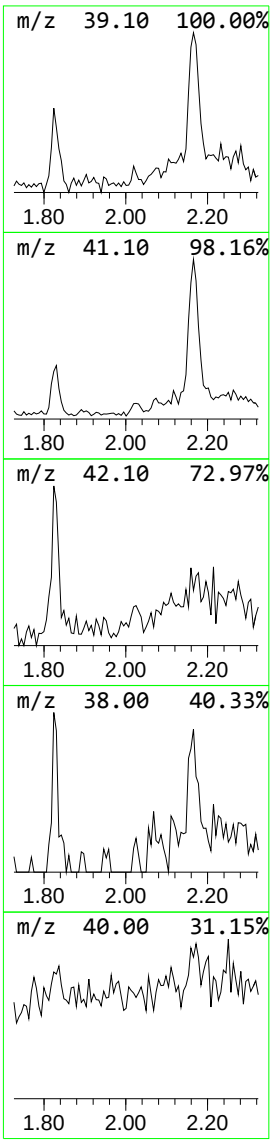
****

Peak Number 1 Propene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.824	16.08 ug/l	14162	Pentafluorobenzene	7.707

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	64
2	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	53
3	2-Butenal, (E)-	70	C4H6O	000123-73-9	38
4	Cyclopropanecarboxaldehyde	70	C4H6O	001489-69-6	36
5	Cyclopropane	42	C3H6	000075-19-4	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
Data File : VY019514.D
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Operator : SY/MD
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

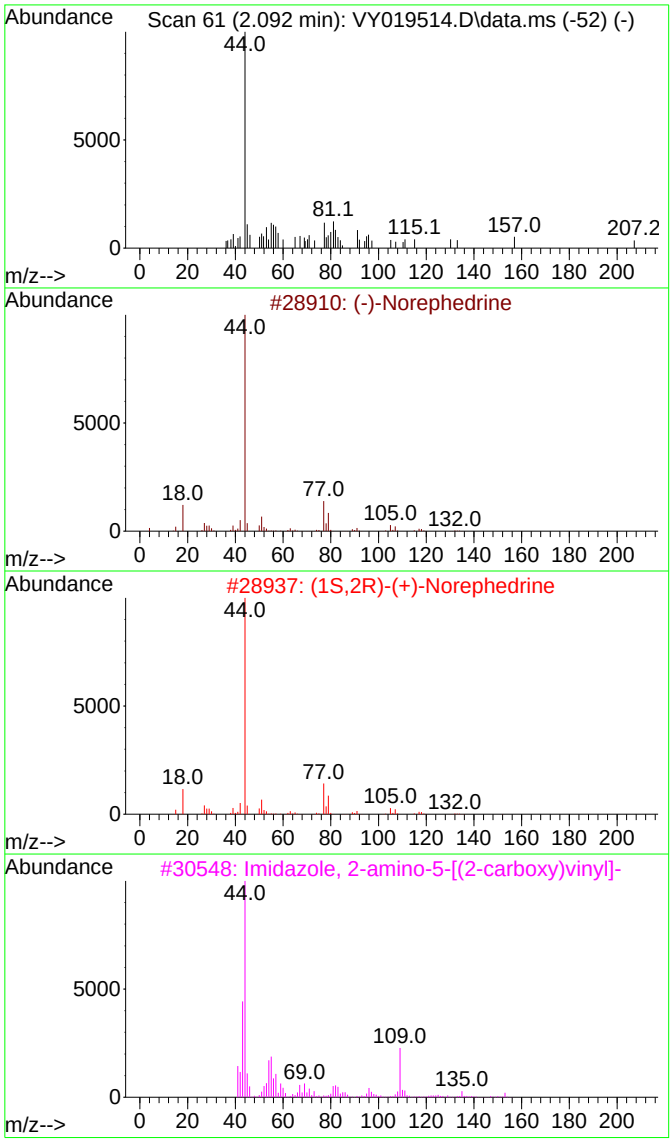
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

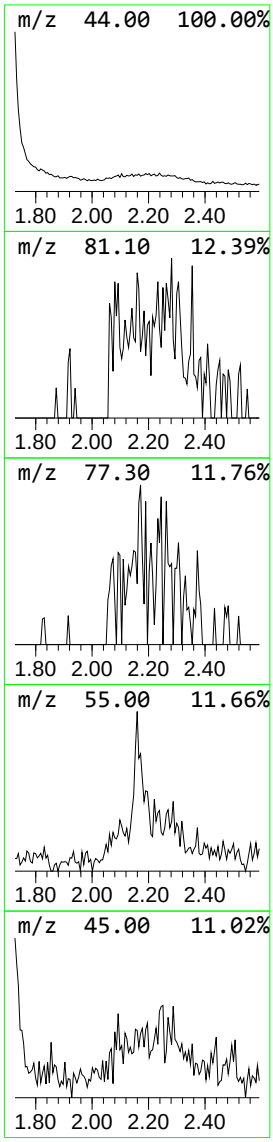
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown2.092 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.092	19.33 ug/l	17028	Pentafluorobenzene	7.707

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-Norephedrine	151	C9H13NO	000492-41-1	47
2	(1S,2R)-(+)-Norephedrine	151	C9H13NO	037577-28-9	47
3	Imidazole, 2-amino-5-[(2-carboxy...	153	C6H7N3O2	1000116-74-7	45
4	Phenylephrine	167	C9H13NO2	000059-42-7	40
5	2-Heptanamine, 5-methyl-	129	C8H19N	053907-81-6	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
Data File : VY019514.D
Acq On : 11 Sep 2024 17:16
Operator : SY/MD
Sample : P3911-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

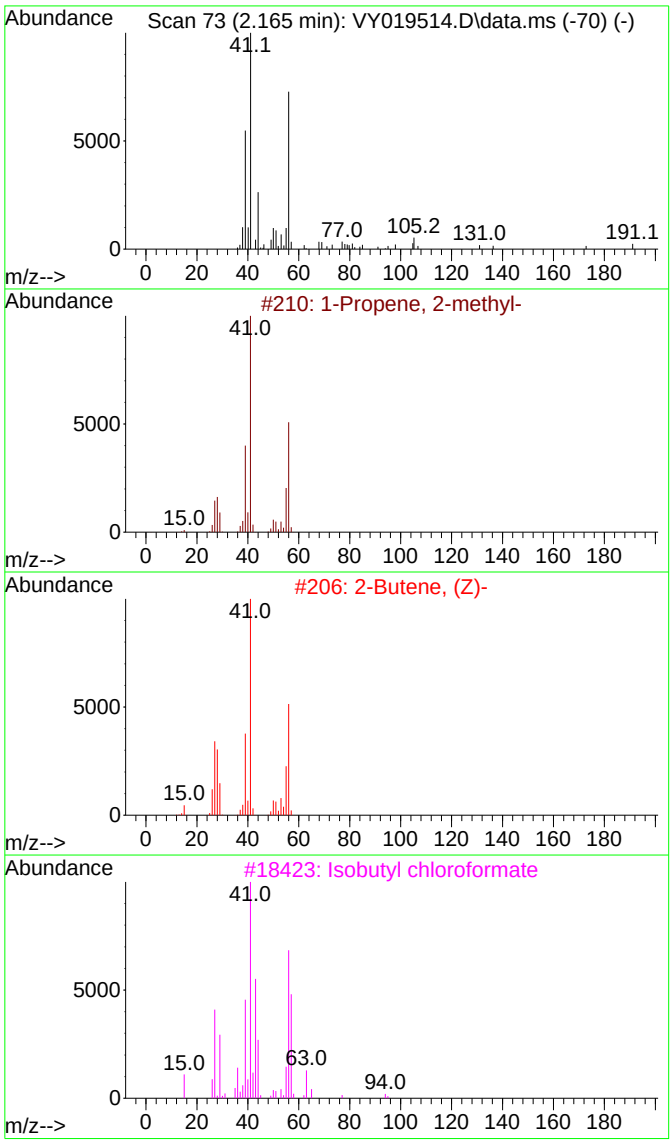
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

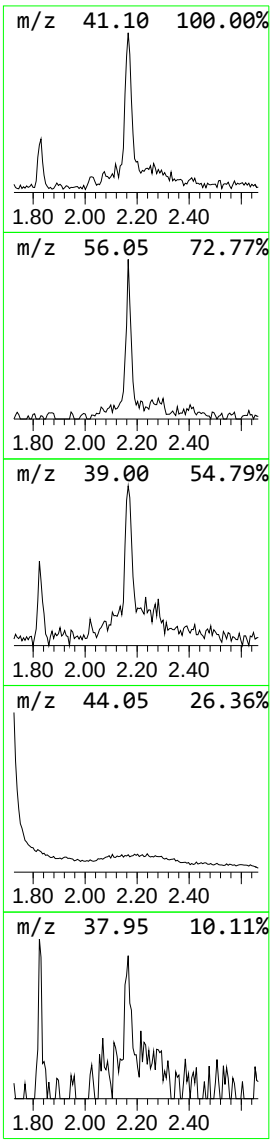
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Propene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.165	19.32 ug/l	17015	Pentafluorobenzene	7.707

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	58
2	2-Butene, (Z)-	56	C4H8	000590-18-1	47
3	Isobutyl chloroformate	136	C5H9ClO2	000543-27-1	39
4	1-Butene	56	C4H8	000106-98-9	38
5	Cyclobutane	56	C4H8	000287-23-0	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
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Instrument :
MSVOA_Y
ClientSampleId :
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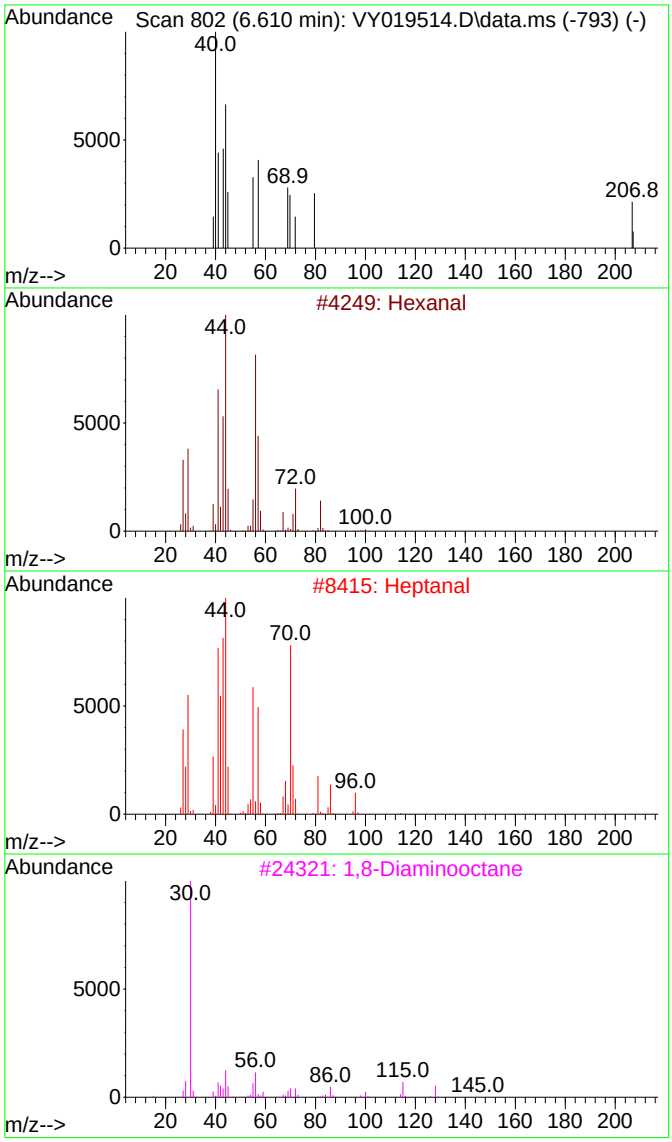
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

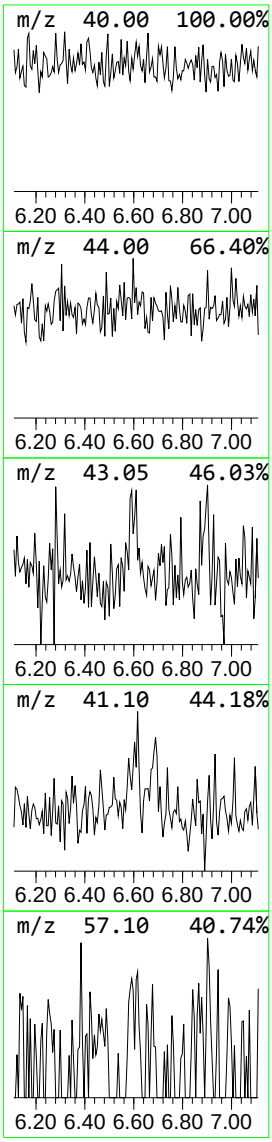
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown6.610 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.610	5.82 ug/l	5123	Pentafluorobenzene	7.707

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	17
2	Heptanal	114	C7H14O	000111-71-7	9
3	1,8-Diaminooctane	144	C8H20N2	000373-44-4	4
4	Acetaldehyde	44	C2H4O	000075-07-0	4
5	1,4-Oxathiane, 4,4-dioxide	136	C4H8O3S	000107-61-9	4





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Data File : VY019514.D
Acq On : 11 Sep 2024 17:16
Operator : SY/MD
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Instrument :
MSVOA_Y
ClientSampleId :
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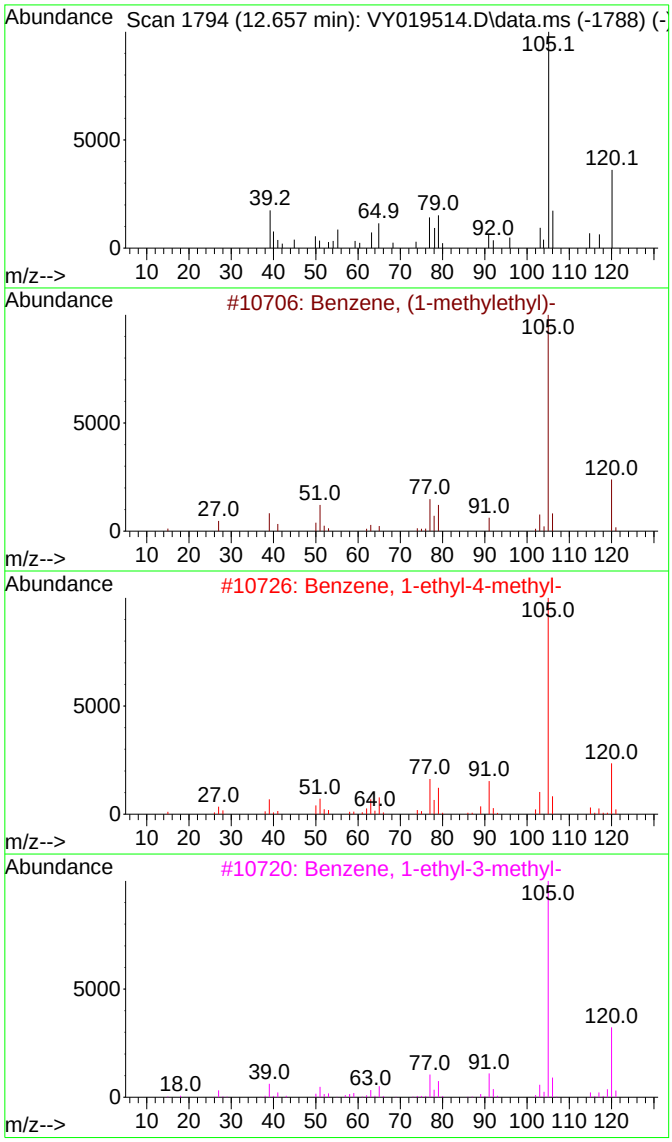
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

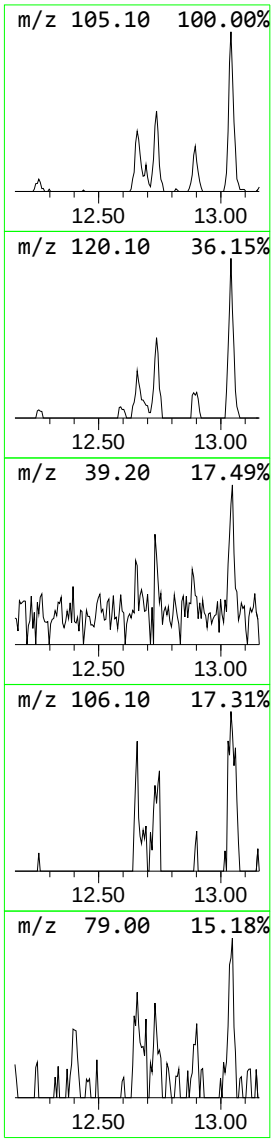
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, (1-methylethyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.658	22.45 ug/l	12356	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	80
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	74
5	Benzaldehyde, 3-bromo-5-methoxy-...	334	C16H15BrO3	1000350-81-2	47





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Operator : SY/MD
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

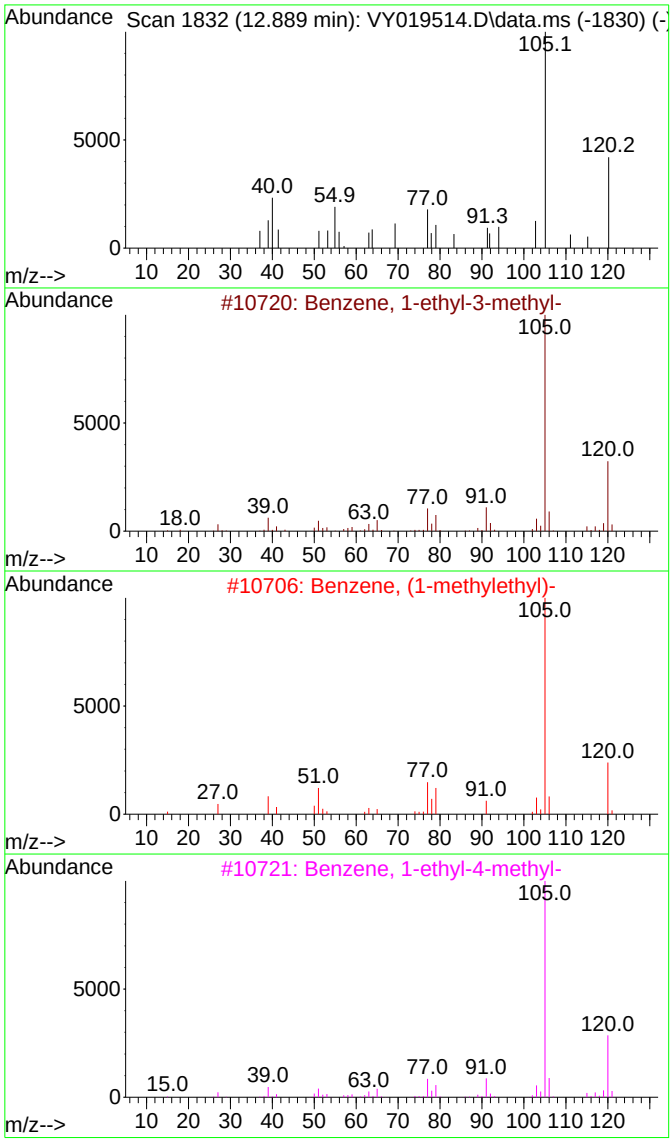
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

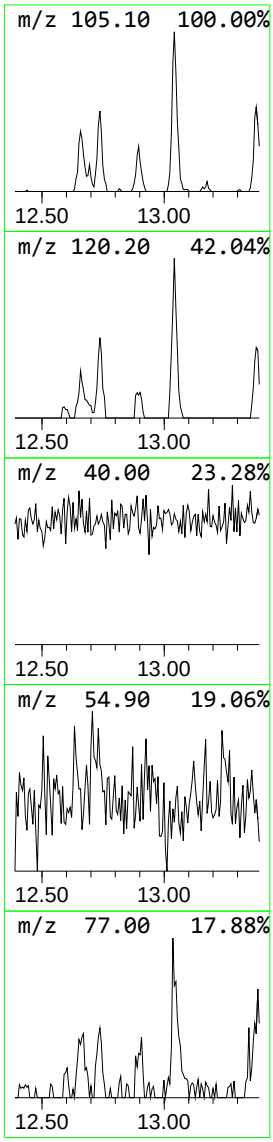
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.889	8.66 ug/l	4765	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	59
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	59
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	59
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	45
5	N-Formyl-1-phenylethylamine, N-(...	295	C12H10F5NO2	1000445-52-1	23





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Operator : SY/MD
Sample : P3911-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

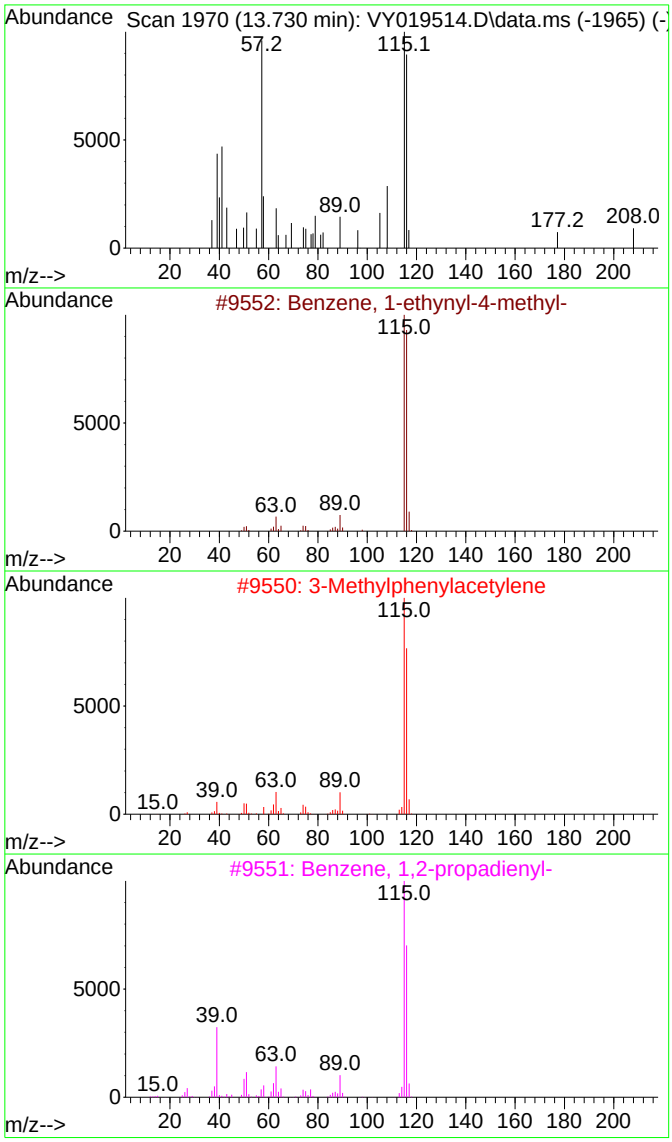
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

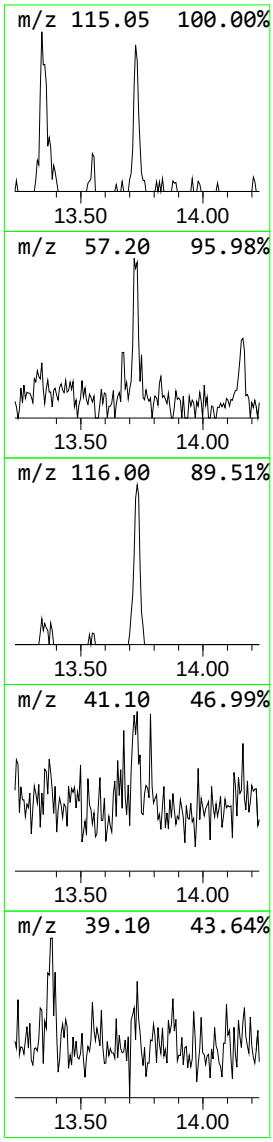
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethynyl-4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.730	14.44 ug/l	7950	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	58
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	43
3	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	43
4	Indene	116	C9H8	000095-13-6	43
5	1-(3-Phenyl-2-prop-2-ynyl)1,4-di...	238	C16H14O2	101325-67-1	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
Data File : VY019514.D
Acq On : 11 Sep 2024 17:16
Operator : SY/MD
Sample : P3911-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

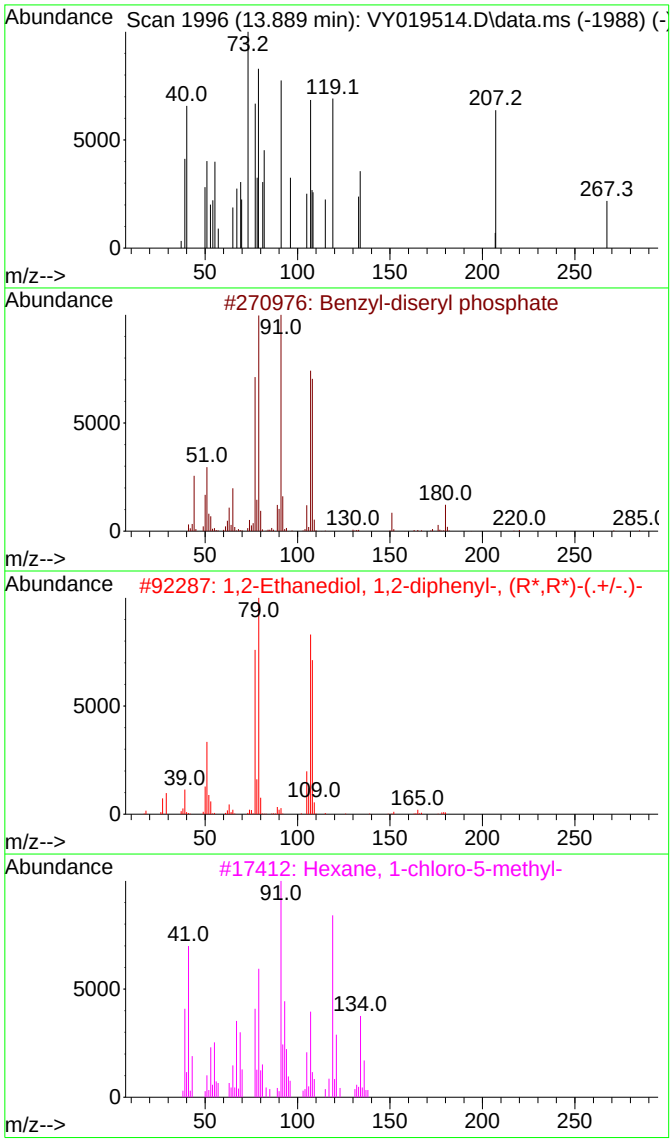
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

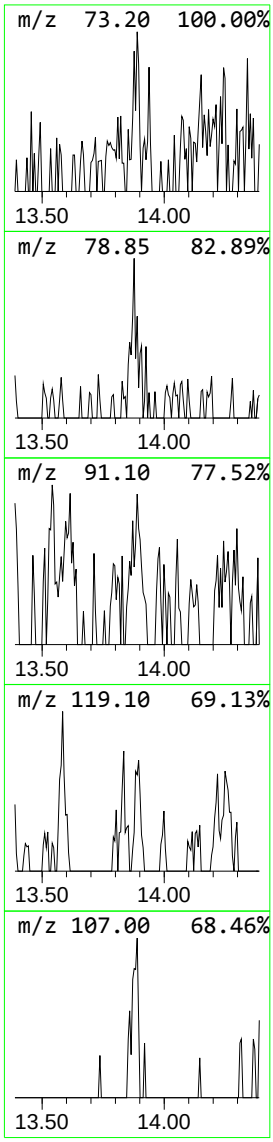
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 unknown13.889 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.889	11.82 ug/l	6503	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl-diseryl phosphate	362	C13H19N2O8P	1000130-31-9	35
2	1,2-Ethanediol, 1,2-diphenyl-, (...	214	C14H14O2	000655-48-1	35
3	Hexane, 1-chloro-5-methyl-	134	C7H15Cl	033240-56-1	22
4	Benzenemethanol, .alpha.-methyl-	122	C8H10O	000098-85-1	22
5	1,5-Methano-1H-indene, 2,3,3a,4,...	134	C10H14	056018-84-9	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
Data File : VY019514.D
Acq On : 11 Sep 2024 17:16
Operator : SY/MD
Sample : P3911-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.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
Propene	1.824	16.1	ug/l	14162	1	7.707	44039	50.0
unknown2.092	2.092	19.3	ug/l	17028	1	7.707	44039	50.0
1-Propene, 2-me...	2.165	19.3	ug/l	17015	1	7.707	44039	50.0
unknown6.610	6.610	5.8	ug/l	5123	1	7.707	44039	50.0
Benzene, (1-met...	12.658	22.4	ug/l	12356	4	13.346	27519	50.0
Benzene, 1-ethy...	12.889	8.7	ug/l	4765	4	13.346	27519	50.0
Benzene, 1-ethy...	13.730	14.4	ug/l	7950	4	13.346	27519	50.0
unknown13.889	13.889	11.8	ug/l	6503	4	13.346	27519	50.0