LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
Data File : VY018695.D
Acq On : 25 Jun 2024 18:01
Operator : SY/MD
Sample : P3045-09
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10AB

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\82Y061324S.M
Title : SW846 8260

Signal : TIC: VY018695.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.857	3	6	19	rVB	78356	107744	8.87%	1.286%
2	2.064	33	40	45	rBV	12393	17744	1.46%	0.212%
3	2.205	57	63	74	rBV2	36947	85845	7.07%	1.025%
4	2.327	78	83	88	rBV	16856	26184	2.16%	0.313%
5	2.442	96	102	110	rVB3	10535	19651	1.62%	0.235%
6	2.881	168	174	180	rBV4	5686	12398	1.02%	0.148%
7	3.930	336	346	356	rBV3	4663	13006	1.07%	0.155%
8	4.692	461	471	481	rBV3	10892	37001	3.05%	0.442%
9	5.728	630	641	653	rVB3	9245	30274	2.49%	0.361%
10	6.686	787	798	805	rBV3	5824	17175	1.41%	0.205%
11	7.704	955	965	971	rBV	76983	185341	15.27%	2.213%
12	7.777	971	977	987	rVB	127652	294997	24.30%	3.522%
13	8.149	1026	1038	1050	rBV2	284465	693649	57.13%	8.281%
14	8.539	1093	1102	1110	rBV2	17435	35593	2.93%	0.425%
15	8.679	1117	1125	1138	rBV	192990	385680	31.77%	4.604%
16	8.880	1154	1158	1167	rVB3	7365	14629	1.20%	0.175%
17	9.179	1196	1207	1213	rBV2	22324	48713	4.01%	0.582%
18	9.813	1305	1311	1315	rBV4	10871	19124	1.58%	0.228%
19	9.953	1329	1334	1336	rBV3	8957	13840	1.14%	0.165%
20	10.173	1363	1370	1375	rBV	320912	545906	44.96%	6.517%
21	10.240	1375	1381	1389	rVV	705963	1214075	100.00%	14.494%
22	10.362	1393	1401	1408	rVB2	34976	60552	4.99%	0.723%
23	11.276	1543	1551	1560	rVB4	11952	23912	1.97%	0.285%
24	11.374	1560	1567	1572	rBV5	9086	18839	1.55%	0.225%
25	11.484	1578	1585	1596	rVB	283878	471118	38.80%	5.624%
26	11.587	1596	1602	1610	rBV	160270	247131	20.36%	2.950%
27	11.691	1610	1619	1631	rBV	572281	1057763	87.13%	12.628%
28	12.026	1662	1674	1679	rBV	241439	396308	32.64%	4.731%
29	12.069	1679	1681	1686	rVB	22118	30374	2.50%	0.363%
30	12.325	1718	1723	1728	rBV2	11176	16934	1.39%	0.202%
31	12.477	1743	1748	1753	rBV	223428	330358	27.21%	3.944%
32	12.526	1753	1756	1760	rVV4	12917	18915	1.56%	0.226%
33	12.575	1760	1764	1772	rVB2	19481	33004	2.72%	0.394%
34	12.666	1772	1779	1784	rVB2	18685	30709	2.53%	0.367%
35	12.733	1784	1790	1793	rBV	63900	102991	8.48%	1.230%
36	12.764	1793	1795	1798	rVV	28004	34856	2.87%	0.416%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
Data File : VY018695.D
Acq On : 25 Jun 2024 18:01
Operator : SY/MD
Sample : P3045-09
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10AB

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\82Y061324S.M
Title : SW846 8260

37	12.806	1798	1802	1808	rVB2	60072	90235	7.43%	1.077%
38	12.971	1822	1829	1837	rBV3	25645	52821	4.35%	0.631%
39	13.117	1848	1853	1858	rBV	96193	135107	11.13%	1.613%
40	13.312	1880	1885	1891	rBV6	6439	13469	1.11%	0.161%
41	13.422	1896	1903	1913	rVB2	276425	492592	40.57%	5.881%
42	13.623	1932	1936	1940	rBV2	12103	16610	1.37%	0.198%
43	13.666	1940	1943	1951	rVB4	8962	16858	1.39%	0.201%
44	13.751	1951	1957	1961	rBV2	14000	21516	1.77%	0.257%
45	13.806	1961	1966	1972	rBV3	17778	31268	2.58%	0.373%
46	13.867	1972	1976	1981	rBV3	11827	21553	1.78%	0.257%
47	13.965	1988	1992	1998	rVB2	12226	18050	1.49%	0.215%
48	14.245	2033	2038	2044	rBV6	6208	13767	1.13%	0.164%
49	14.611	2093	2098	2103	rVB	11977	15980	1.32%	0.191%
50	14.672	2103	2108	2114	rBV3	7876	16974	1.40%	0.203%
51	15.233	2190	2200	2209	rBV	282604	469901	38.70%	5.610%
52	15.324	2211	2215	2221	rVV5	5634	14731	1.21%	0.176%
53	15.385	2221	2225	2229	rVV	9982	18405	1.52%	0.220%
54	15.434	2229	2233	2239	rVB2	19733	29994	2.47%	0.358%
55	15.879	2300	2306	2315	rBV10	5041	12288	1.01%	0.147%
56	16.288	2366	2373	2379	rBV	35528	71125	5.86%	0.849%
57	16.361	2379	2385	2390	rVB2	33133	58570	4.82%	0.699%
58	16.483	2398	2405	2411	rBV	23266	52221	4.30%	0.623%

Sum of corrected areas: 8376368

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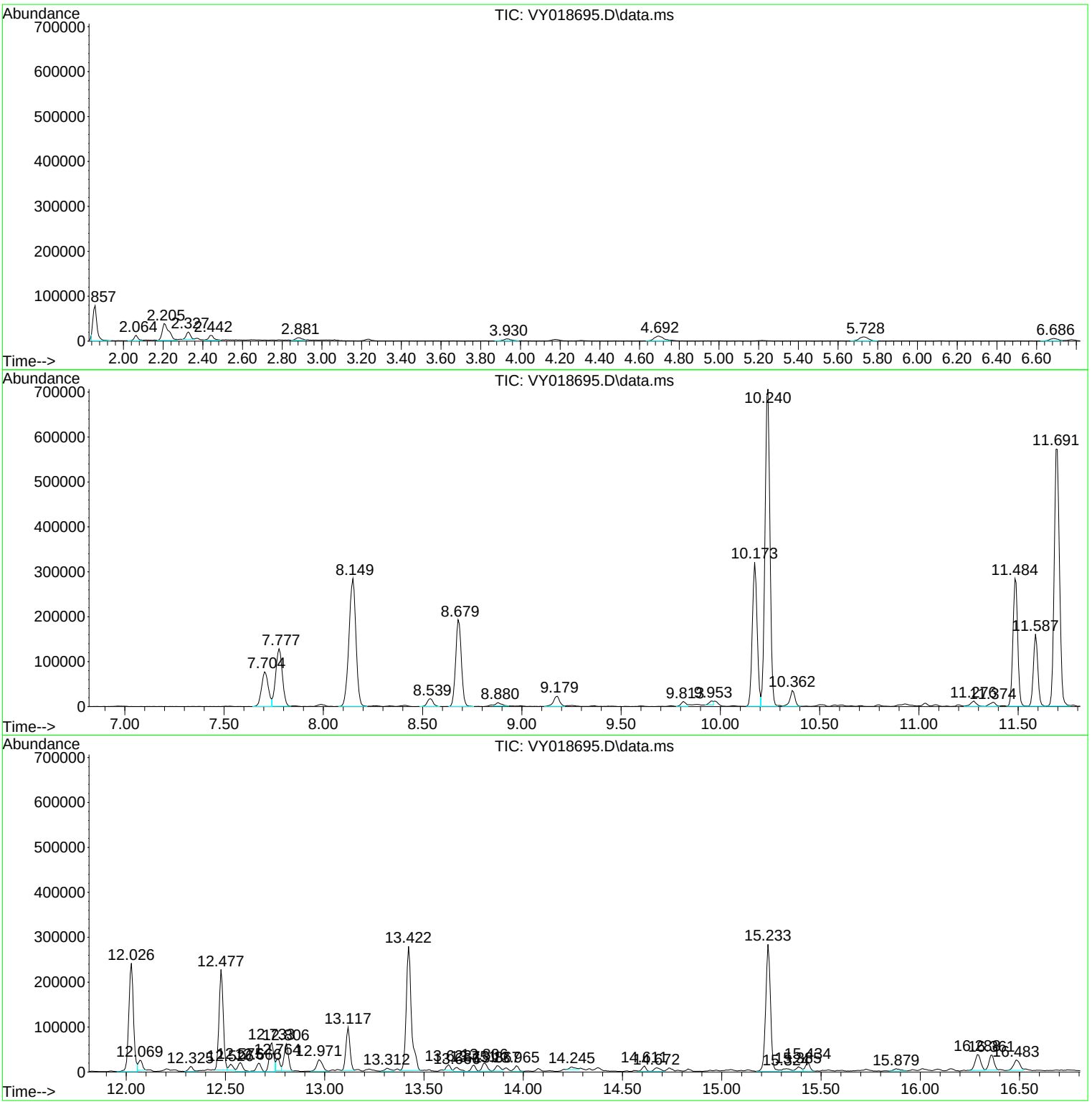
Operator : SY/MD
Sample : P3045-09
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10AB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
Data File : VY018695.D
Acq On : 25 Jun 2024 18:01
Operator : SY/MD
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260

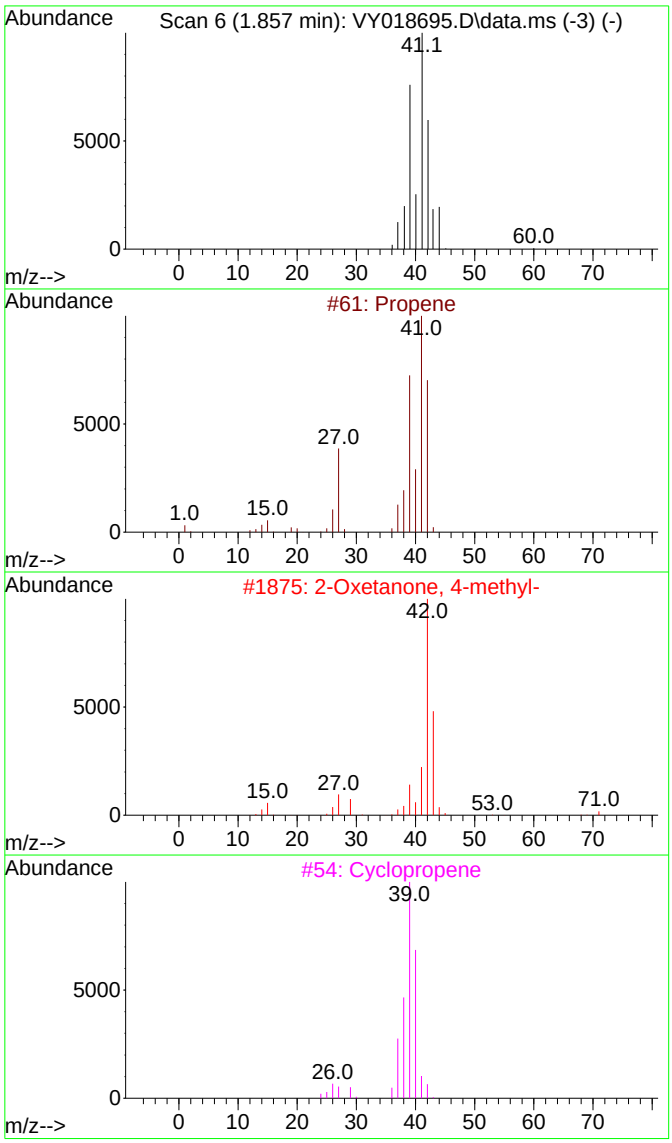
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

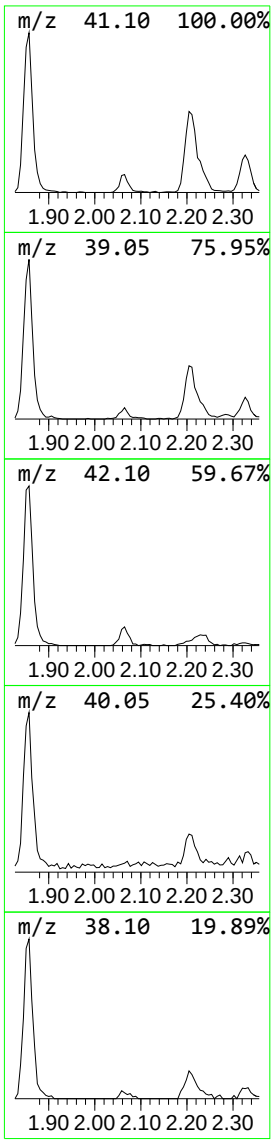
****

Peak Number 1 Propene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.857	18.26 ug/l	107744	Pentafluorobenzene	7.777

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	9
3	Cyclopropene	40	C3H4	002781-85-3	9
4	Cyclopropane	42	C3H6	000075-19-4	9
5	Acetonitrile	41	C2H3N	000075-05-8	3





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
Data File : VY018695.D
Acq On : 25 Jun 2024 18:01
Operator : SY/MD
Sample : P3045-09
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10AB

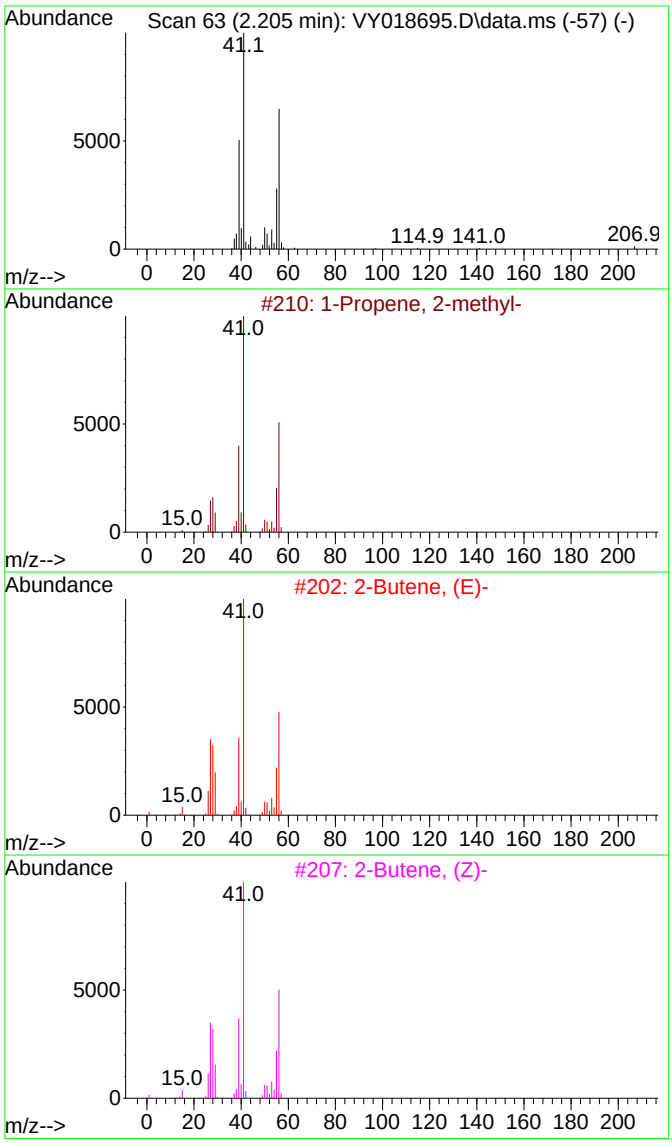
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260

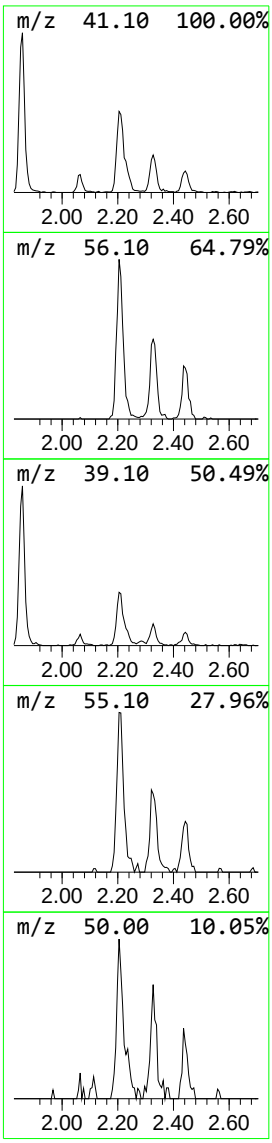
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.205	14.55 ug/l	85845	Pentafluorobenzene	7.777

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	87
2	2-Butene, (E)-	56	C4H8	000624-64-6	72
3	2-Butene, (Z)-	56	C4H8	000590-18-1	72
4	2-Butene	56	C4H8	000107-01-7	64
5	1-Butene	56	C4H8	000106-98-9	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
Data File : VY018695.D
Acq On : 25 Jun 2024 18:01
Operator : SY/MD
Sample : P3045-09
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10AB

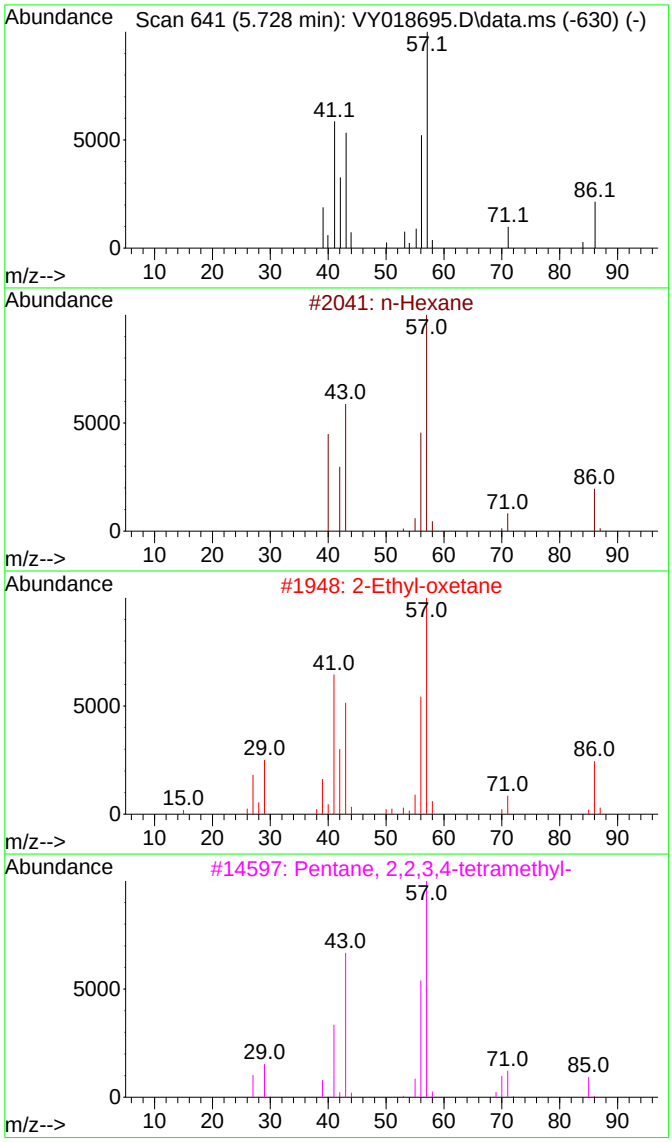
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260

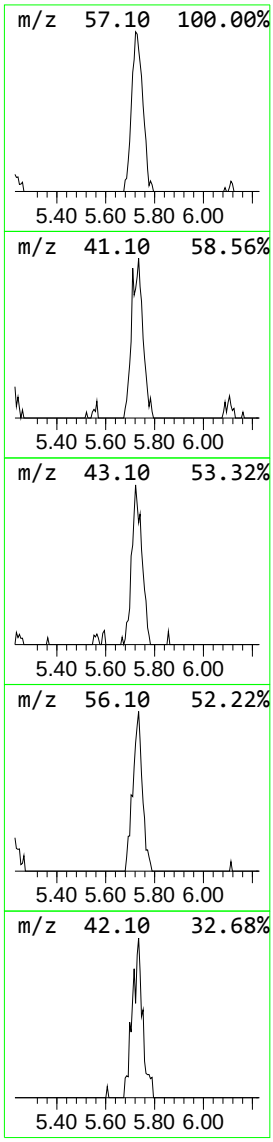
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 n-Hexane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.728	5.13 ug/l	30274	Pentafluorobenzene	7.777

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	86
2	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	78
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	33
4	1-Octanol	130	C8H18O	000111-87-5	28
5	1-Butanol	74	C4H10O	000071-36-3	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
Data File : VY018695.D
Acq On : 25 Jun 2024 18:01
Operator : SY/MD
Sample : P3045-09
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10AB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260

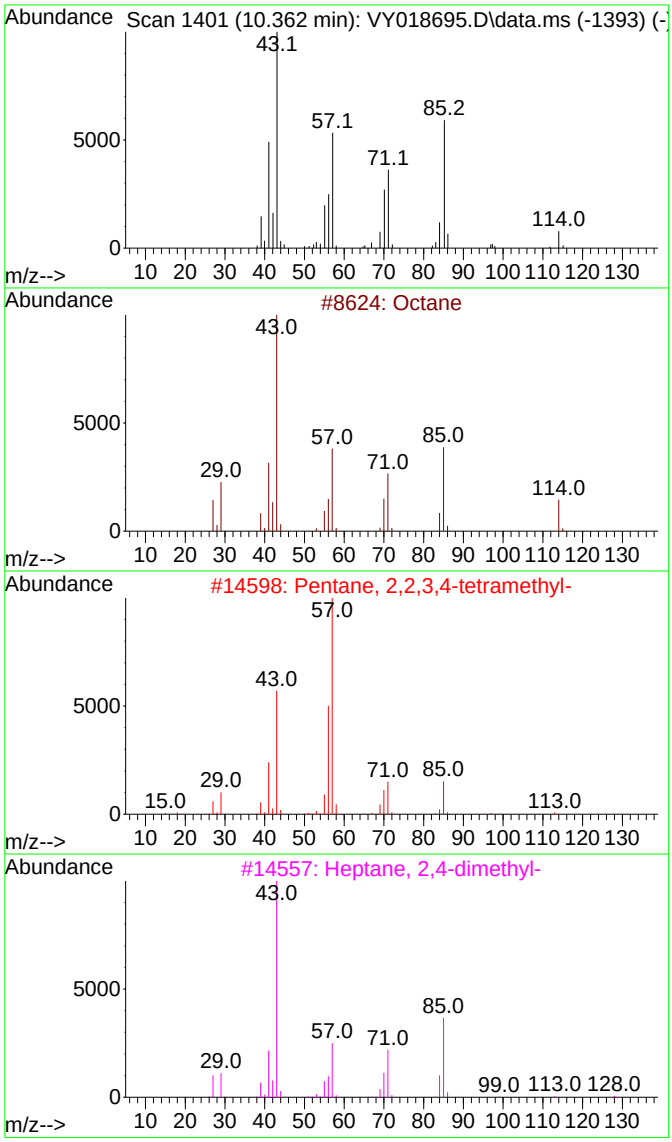
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

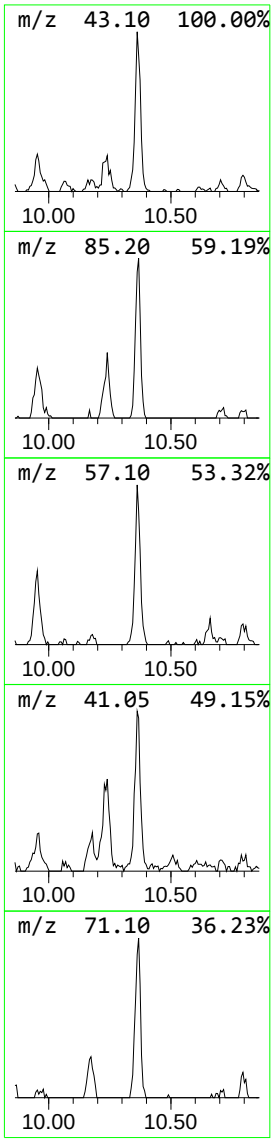
****

Peak Number 5 Octane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.362	6.43 ug/l	60552	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	91
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	64
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
4	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59
5	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	53





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Data File : VY018695.D
Acq On : 25 Jun 2024 18:01
Operator : SY/MD
Sample : P3045-09
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10AB

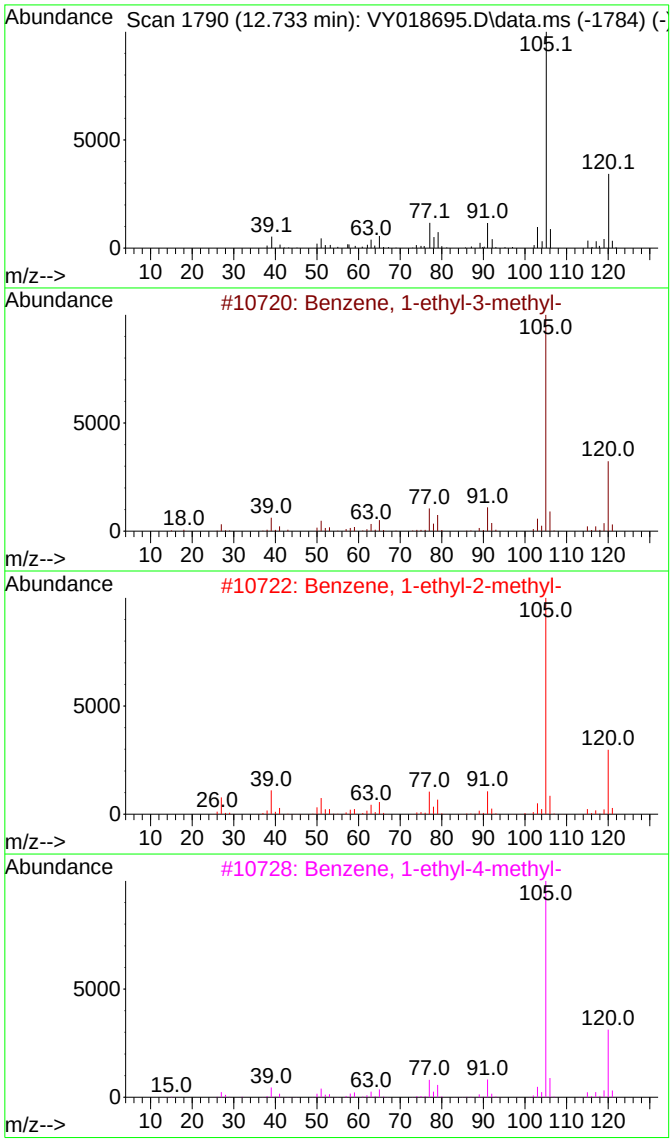
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260

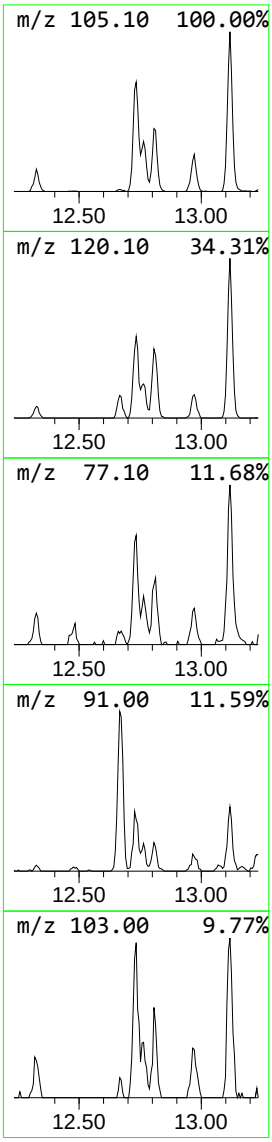
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	10.45 ug/l	102991	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
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	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
Data File : VY018695.D
Acq On : 25 Jun 2024 18:01
Operator : SY/MD
Sample : P3045-09
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10AB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260

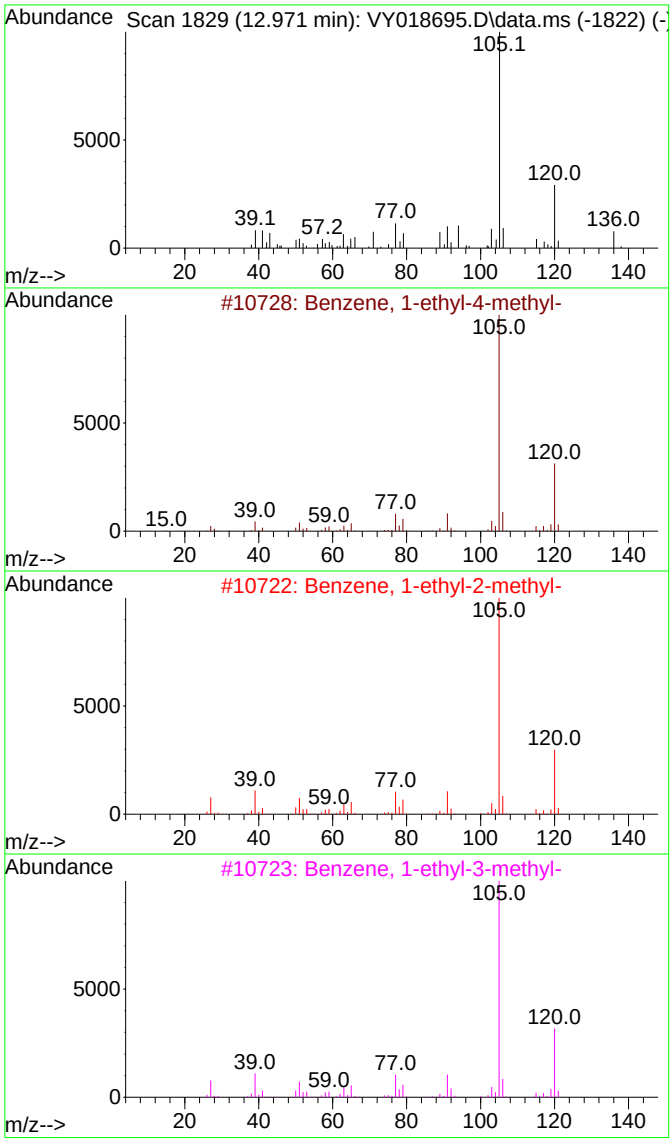
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

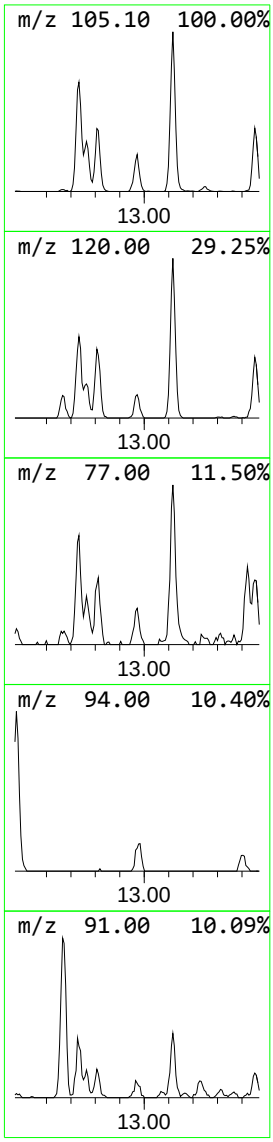
****

Peak Number 7 Benzene, 1-ethyl-4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	5.36 ug/l	52821	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76
5	Mesitylene	120	C9H12	000108-67-8	76





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Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10AB

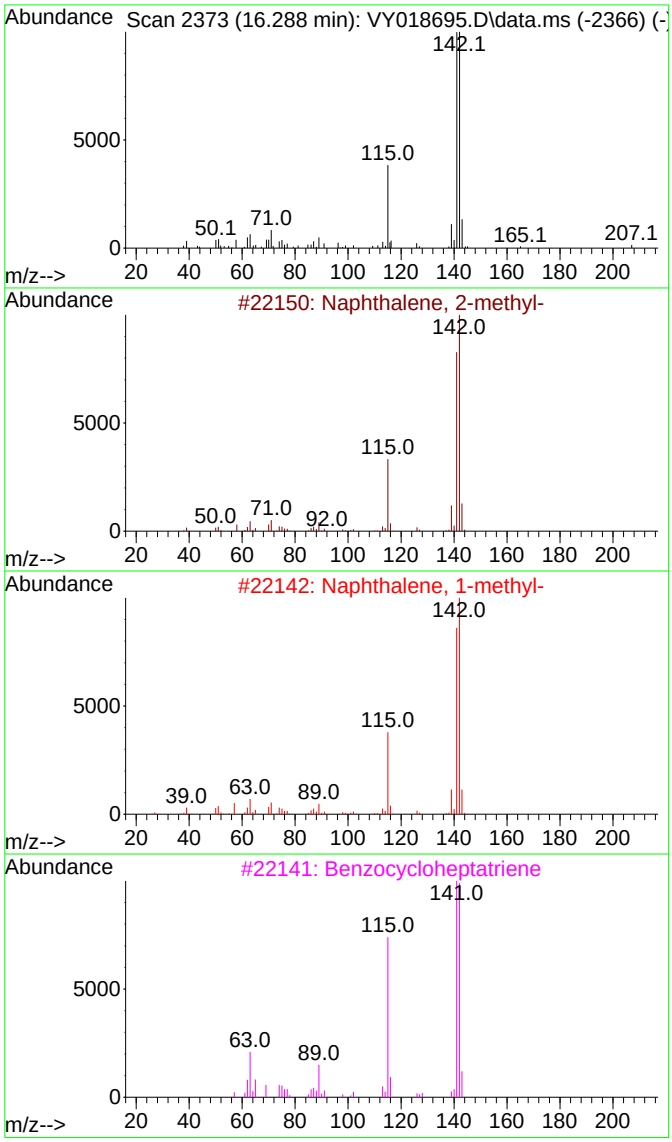
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260

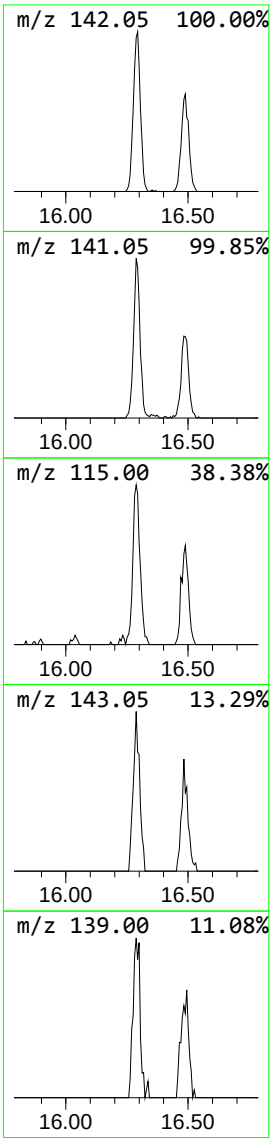
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.288	7.22 ug/l	71125	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	86
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
Data File : VY018695.D
Acq On : 25 Jun 2024 18:01
Operator : SY/MD
Sample : P3045-09
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10AB

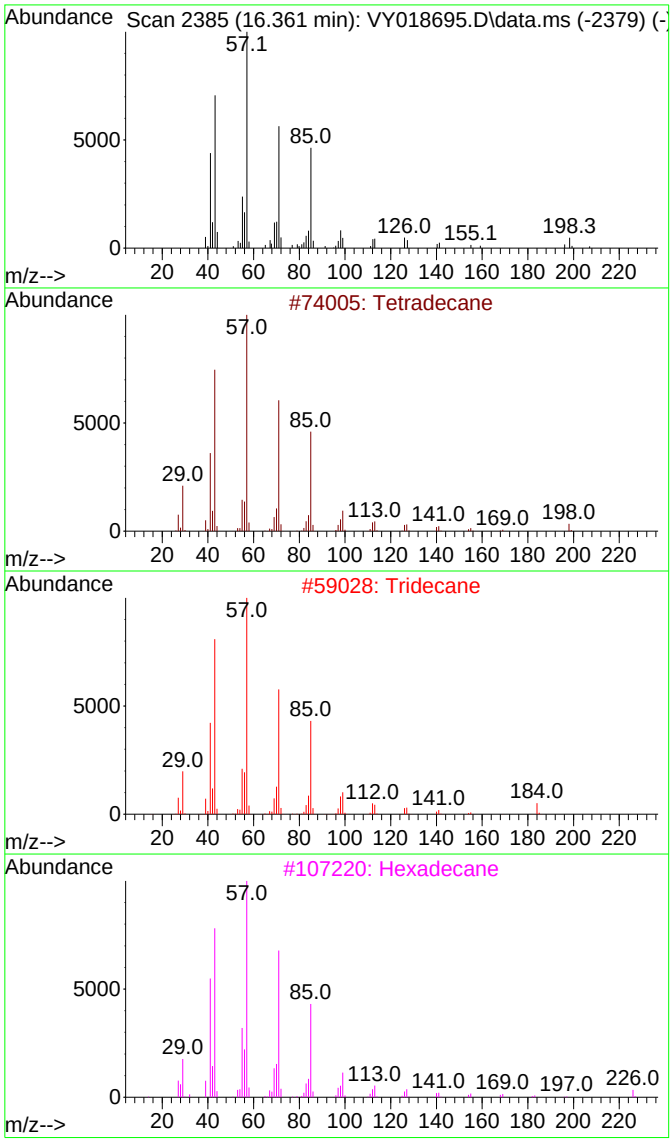
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260

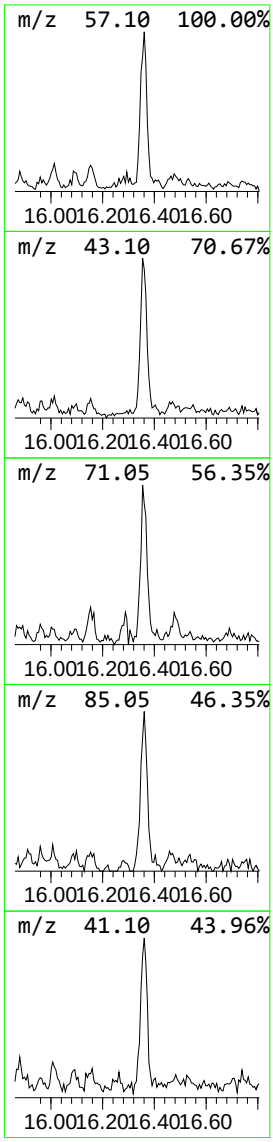
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.361	5.95 ug/l	58570	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Tridecane	184	C13H28	000629-50-5	87
3	Hexadecane	226	C16H34	000544-76-3	83
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
5	Dodecane	170	C12H26	000112-40-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
Data File : VY018695.D
Acq On : 25 Jun 2024 18:01
Operator : SY/MD
Sample : P3045-09
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10AB

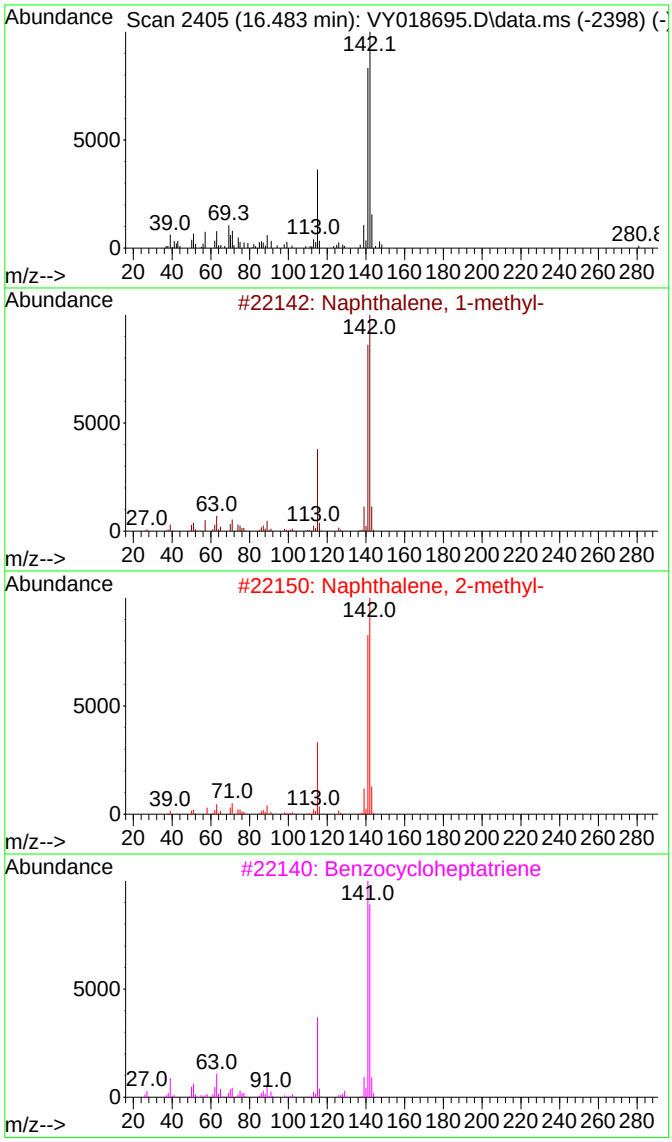
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260

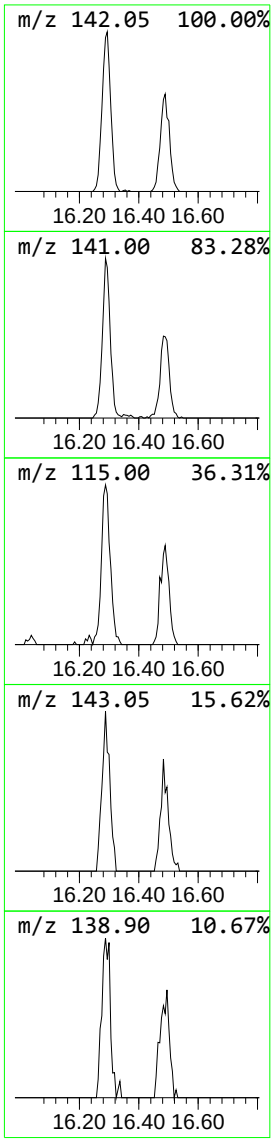
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.483	5.30 ug/l	52221	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
Data File : VY018695.D
Acq On : 25 Jun 2024 18:01
Operator : SY/MD
Sample : P3045-09
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10AB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.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	1.857	18.3	ug/l	107744	1	7.777	294997	50.0
1-Propene, 2-me...	2.205	14.6	ug/l	85845	1	7.777	294997	50.0
n-Hexane	5.728	5.1	ug/l	30274	1	7.777	294997	50.0
Octane	10.362	6.4	ug/l	60552	3	11.490	471118	50.0
Benzene, 1-ethy...	12.733	10.4	ug/l	102991	4	13.422	492592	50.0
Benzene, 1-ethy...	12.971	5.4	ug/l	52821	4	13.422	492592	50.0
Naphthalene, 2-...	16.288	7.2	ug/l	71125	4	13.422	492592	50.0
Tetradecane	16.361	6.0	ug/l	58570	4	13.422	492592	50.0
Naphthalene, 1-...	16.483	5.3	ug/l	52221	4	13.422	492592	50.0