LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
Data File : VY018828.D
Acq On : 16 Jul 2024 13:26
Operator : SY/MD
Sample : P3224-29
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
356STEVEN-14

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\82Y070924S.M
Title : SW846 8260

Signal : TIC: VY018828.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.851	3	5	19	rVB2	179823	252817	8.08%	1.121%
2	2.064	33	40	50	rBV	47965	80310	2.57%	0.356%
3	2.198	57	62	65	rBV	103034	175849	5.62%	0.780%
4	2.320	78	82	86	rBV	44460	61172	1.96%	0.271%
5	2.369	86	90	95	rVB2	18324	31508	1.01%	0.140%
6	2.436	95	101	109	rVB	29163	51334	1.64%	0.228%
7	2.875	165	173	184	rVB	29281	62000	1.98%	0.275%
8	3.223	221	230	240	rVB2	19617	45638	1.46%	0.202%
9	5.722	629	640	651	rBV3	33855	102336	3.27%	0.454%
10	6.771	804	812	825	rVB4	9987	33355	1.07%	0.148%
11	7.704	954	965	970	rBV	162468	393422	12.58%	1.744%
12	7.771	970	976	986	rVB	275237	625275	19.99%	2.772%
13	7.984	998	1011	1019	rBV6	12113	31739	1.01%	0.141%
14	8.143	1026	1037	1050	rBV3	594465	1475994	47.19%	6.543%
15	8.533	1094	1101	1117	rVV	54740	111894	3.58%	0.496%
16	8.679	1117	1125	1140	rVV	402514	793366	25.37%	3.517%
17	9.173	1189	1206	1212	rBV	68650	151972	4.86%	0.674%
18	9.813	1305	1311	1315	rBV3	32175	60693	1.94%	0.269%
19	9.868	1316	1320	1328	rVV	16695	51704	1.65%	0.229%
20	9.953	1328	1334	1346	rVV5	31692	93174	2.98%	0.413%
21	10.173	1362	1370	1375	rBV	639277	1100662	35.19%	4.879%
22	10.234	1375	1380	1389	rVV	1707380	2859510	91.43%	12.676%
23	10.362	1393	1401	1410	rVB	123903	208885	6.68%	0.926%
24	10.514	1416	1426	1431	rVB4	13535	33329	1.07%	0.148%
25	10.929	1490	1494	1503	rVV3	26504	74025	2.37%	0.328%
26	11.026	1506	1510	1515	rVV2	24427	41201	1.32%	0.183%
27	11.276	1543	1551	1559	rVB5	47650	95559	3.06%	0.424%
28	11.374	1559	1567	1572	rBV3	34003	59916	1.92%	0.266%
29	11.483	1578	1585	1595	rBV	554574	894195	28.59%	3.964%
30	11.587	1595	1602	1610	rBV	445306	691379	22.11%	3.065%
31	11.691	1610	1619	1630	rBV	1676582	3127647	100.00%	13.865%
32	12.026	1661	1674	1680	rBV	707504	1171549	37.46%	5.193%
33	12.069	1680	1681	1686	rVV2	29656	37667	1.20%	0.167%
34	12.203	1697	1703	1706	rVV4	27102	47335	1.51%	0.210%
35	12.325	1718	1723	1728	rBV	33799	51693	1.65%	0.229%
36	12.477	1743	1748	1753	rBV	383725	561825	17.96%	2.491%

LSC Area Percent Report

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Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
356STEVEN-14

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\82Y070924S.M
Title : SW846 8260

37	12.575	1760	1764	1772	rVB	33935	54259	1.73%	0.241%
38	12.666	1772	1779	1784	rVB	65798	102322	3.27%	0.454%
39	12.733	1784	1790	1793	rBV	215874	350456	11.21%	1.554%
40	12.764	1793	1795	1798	rVV	93301	122705	3.92%	0.544%
41	12.806	1798	1802	1808	rVB2	282790	430902	13.78%	1.910%
42	12.971	1821	1829	1837	rBV	73257	144820	4.63%	0.642%
43	13.117	1847	1853	1858	rBV	348850	526452	16.83%	2.334%
44	13.227	1865	1871	1879	rBV6	13934	36865	1.18%	0.163%
45	13.312	1880	1885	1890	rBV4	25719	47926	1.53%	0.212%
46	13.422	1896	1903	1907	rBV	381260	669937	21.42%	2.970%
47	13.623	1932	1936	1939	rVV2	51835	82386	2.63%	0.365%
48	13.666	1939	1943	1951	rVB3	42080	85107	2.72%	0.377%
49	13.751	1951	1957	1961	rBV	106694	149238	4.77%	0.662%
50	13.806	1961	1966	1972	rVV2	99030	171925	5.50%	0.762%
51	13.873	1972	1977	1981	rVV2	36387	72997	2.33%	0.324%
52	13.910	1981	1983	1988	rVV2	30383	47145	1.51%	0.209%
53	13.965	1988	1992	1997	rVB3	37717	58458	1.87%	0.259%
54	14.074	2005	2010	2015	rBV3	27786	44505	1.42%	0.197%
55	14.263	2034	2041	2044	rVV5	16981	46322	1.48%	0.205%
56	14.330	2049	2052	2056	rVV	25513	40942	1.31%	0.181%
57	14.379	2056	2060	2065	rVB5	25519	41534	1.33%	0.184%
58	14.611	2093	2098	2103	rVB	76967	104096	3.33%	0.461%
59	14.678	2103	2109	2114	rBV2	33594	77225	2.47%	0.342%
60	14.739	2114	2119	2124	rVB4	20826	40793	1.30%	0.181%
61	15.233	2191	2200	2211	rBV	1535844	2553935	81.66%	11.322%
62	15.330	2211	2216	2222	rVB2	27766	52732	1.69%	0.234%
63	15.434	2227	2233	2240	rVB	74601	119053	3.81%	0.528%
64	15.885	2301	2307	2314	rBV6	13751	32645	1.04%	0.145%
65	16.287	2366	2373	2380	rBV	105119	214830	6.87%	0.952%
66	16.361	2380	2385	2392	rVB	86929	147384	4.71%	0.653%
67	16.483	2398	2405	2413	rBV	64815	146178	4.67%	0.648%

Sum of corrected areas: 22558003

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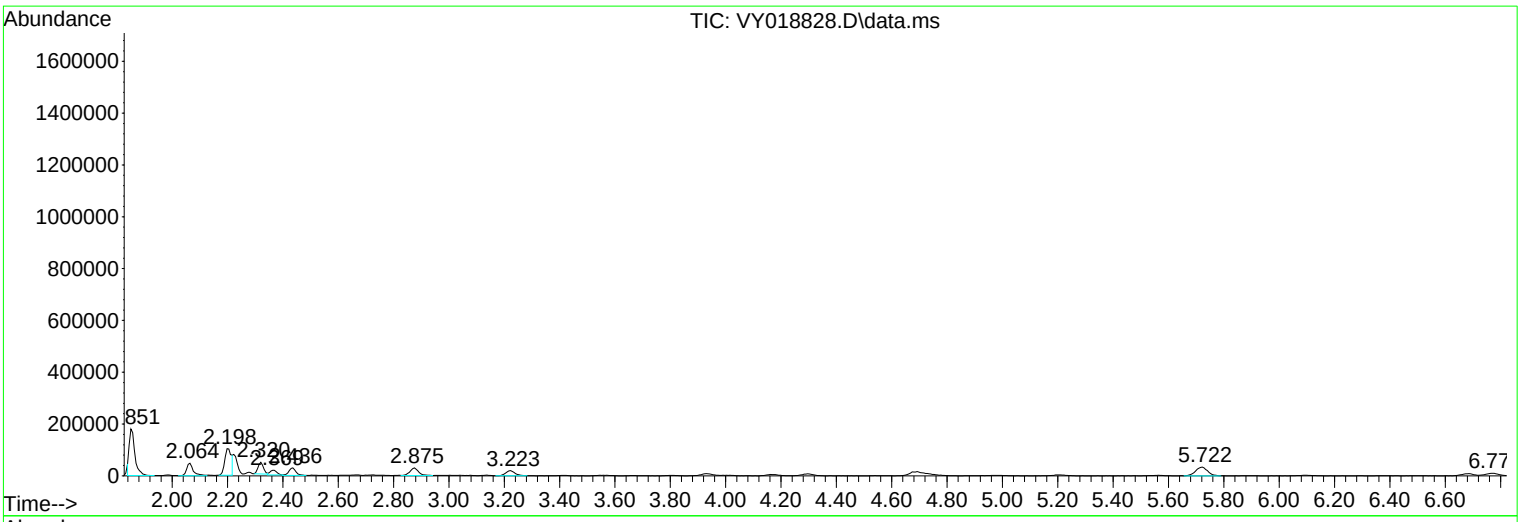
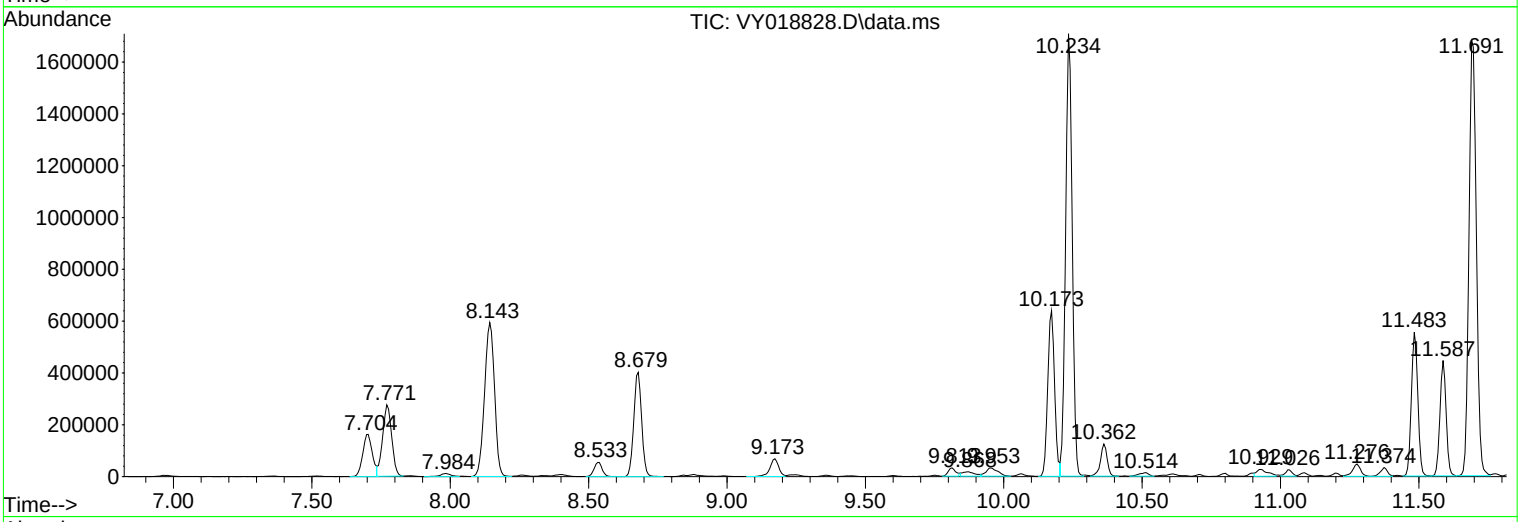
ALS Vial : 6 Sample Multiplier: 1

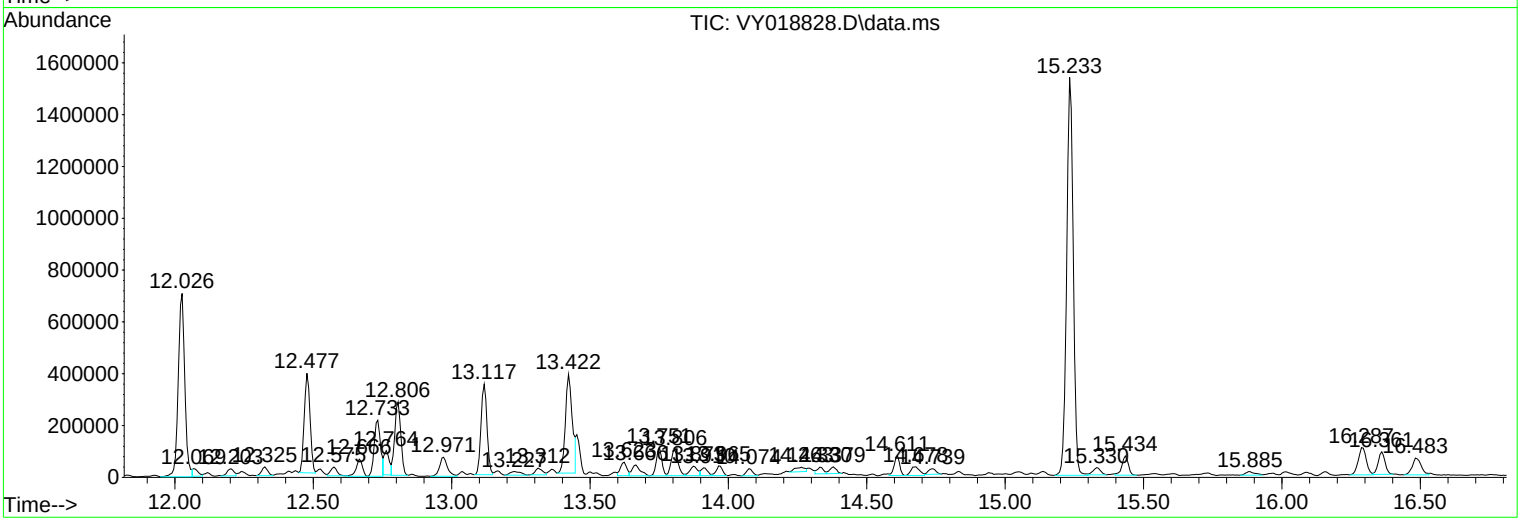
Instrument :
MSVOA_Y
ClientSampleId :
356STEVEN-14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

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







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Data File : VY018828.D
Acq On : 16 Jul 2024 13:26
Operator : SY/MD
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
356STEVEN-14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

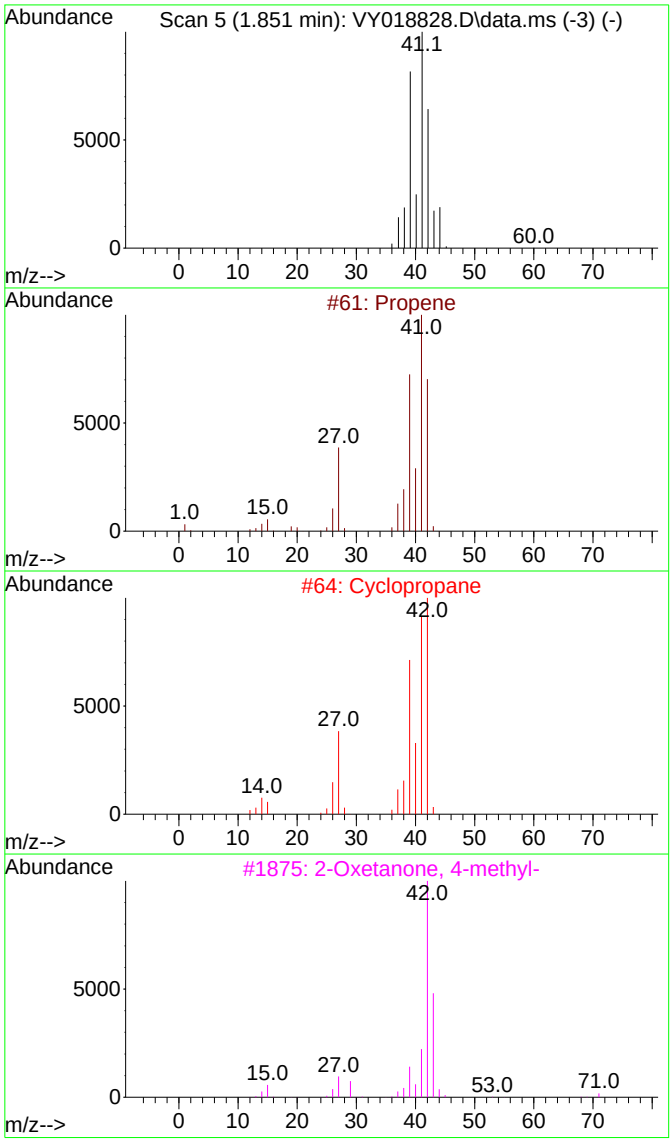
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

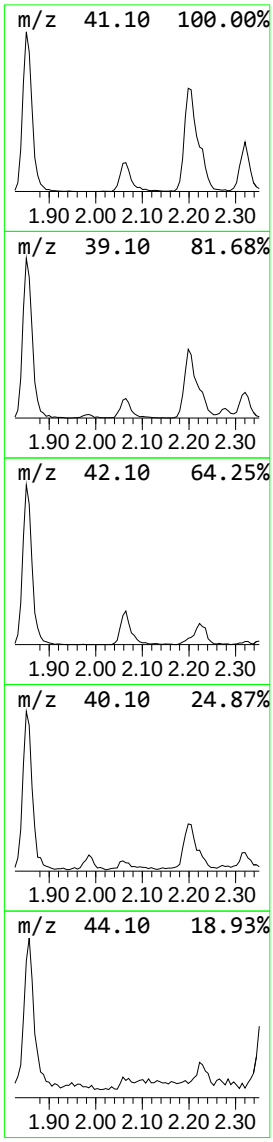
****

Peak Number 1 Propene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.851	20.22 ug/l	252817	Pentafluorobenzene	7.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Cyclopropane	42	C3H6	000075-19-4	10
3	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	9
4	4-Amino-1-butanol	89	C4H11NO	013325-10-5	2
5	1-Hexanamine	101	C6H15N	000111-26-2	1





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
Data File : VY018828.D
Acq On : 16 Jul 2024 13:26
Operator : SY/MD
Sample : P3224-29
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
356STEVEN-14

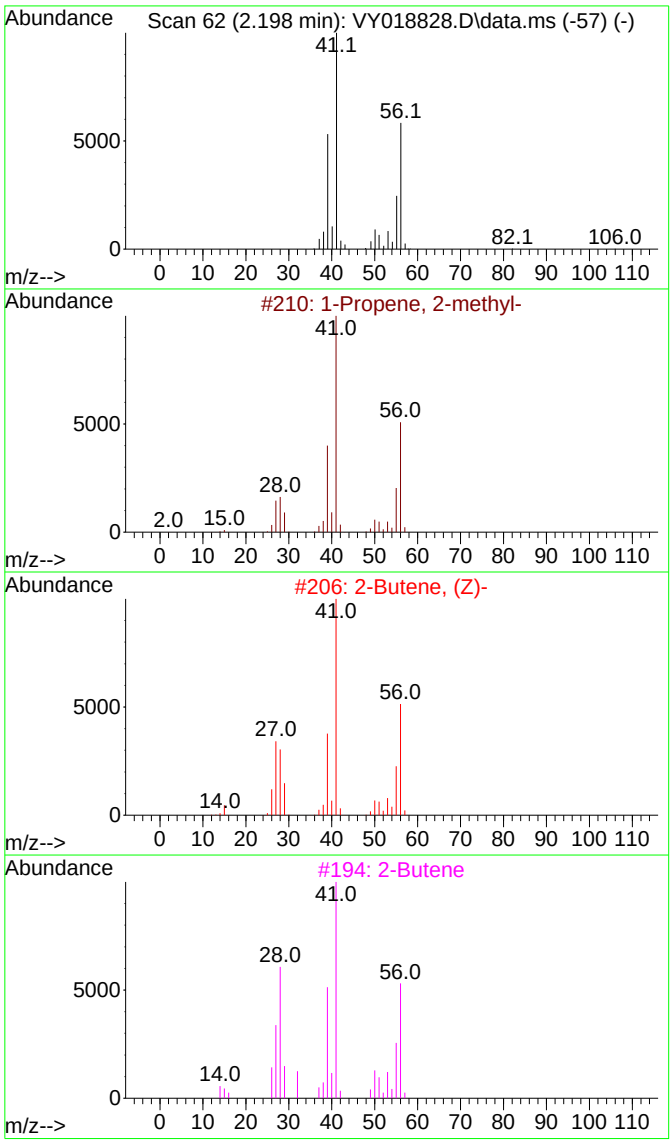
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

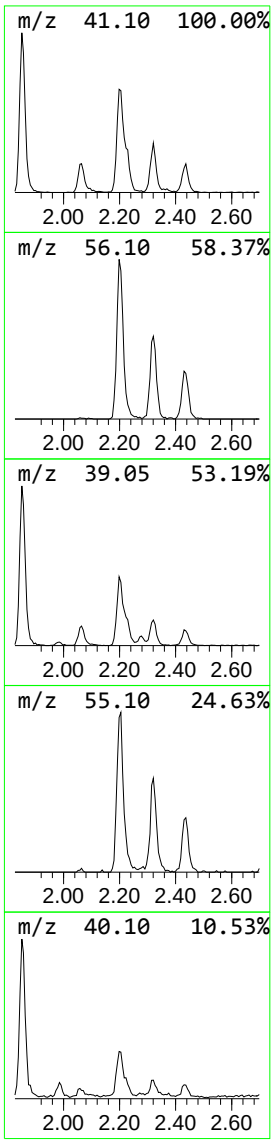
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Propene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.198	14.06 ug/l	175849	Pentafluorobenzene	7.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	90
2	2-Butene, (Z)-	56	C4H8	000590-18-1	72
3	2-Butene	56	C4H8	000107-01-7	72
4	1-Butene	56	C4H8	000106-98-9	64
5	Cyclobutane	56	C4H8	000287-23-0	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
Data File : VY018828.D
Acq On : 16 Jul 2024 13:26
Operator : SY/MD
Sample : P3224-29
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
356STEVEN-14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

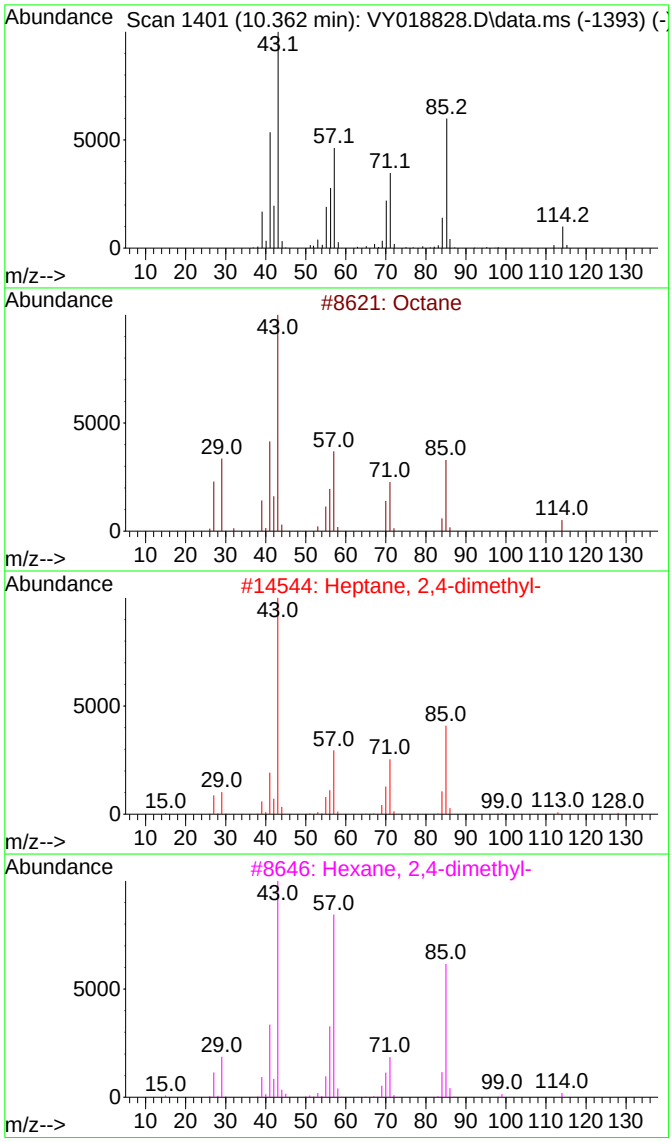
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

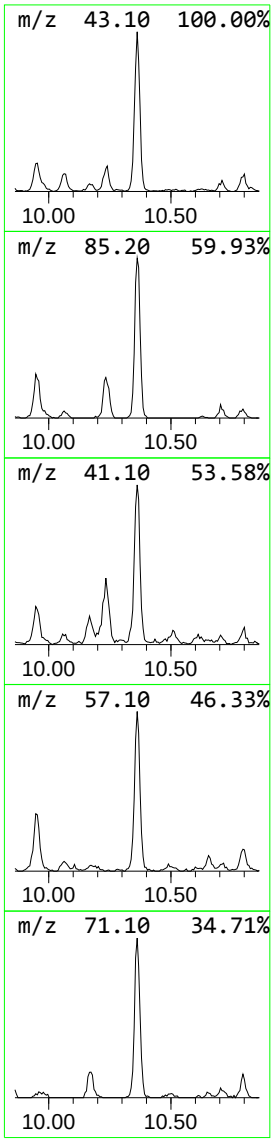
****

Peak Number 3 Octane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.362	11.68 ug/l	208885	Chlorobenzene-d5	11.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	91
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	50
5	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	43





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Instrument :
MSVOA_Y
ClientSampleId :
356STEVEN-14

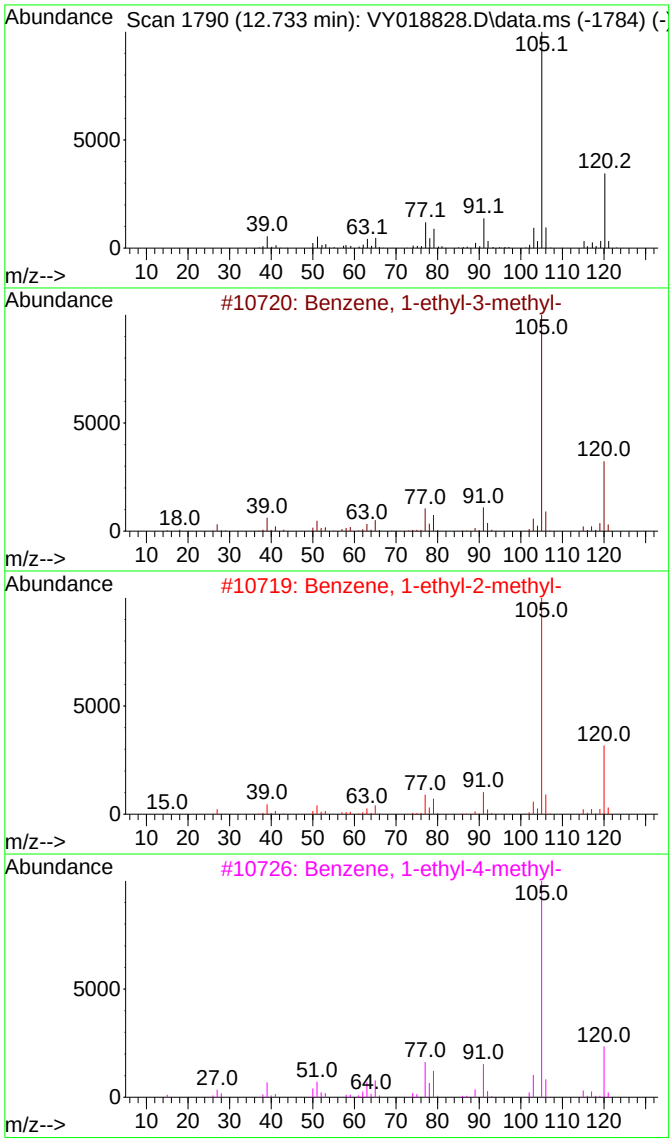
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

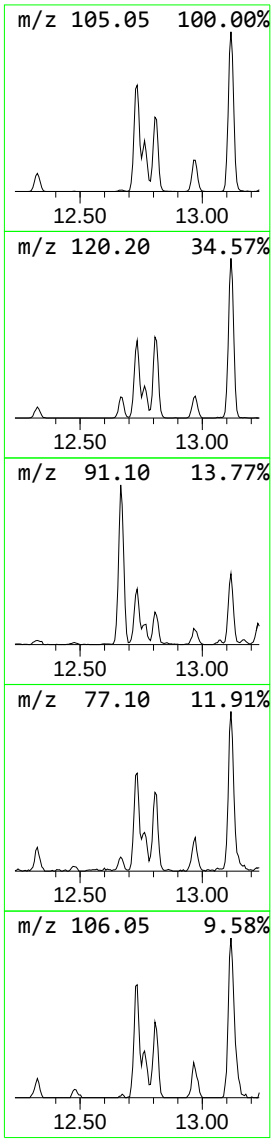
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	26.16 ug/l	350456	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	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Operator : SY/MD
Sample : P3224-29
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
356STEVEN-14

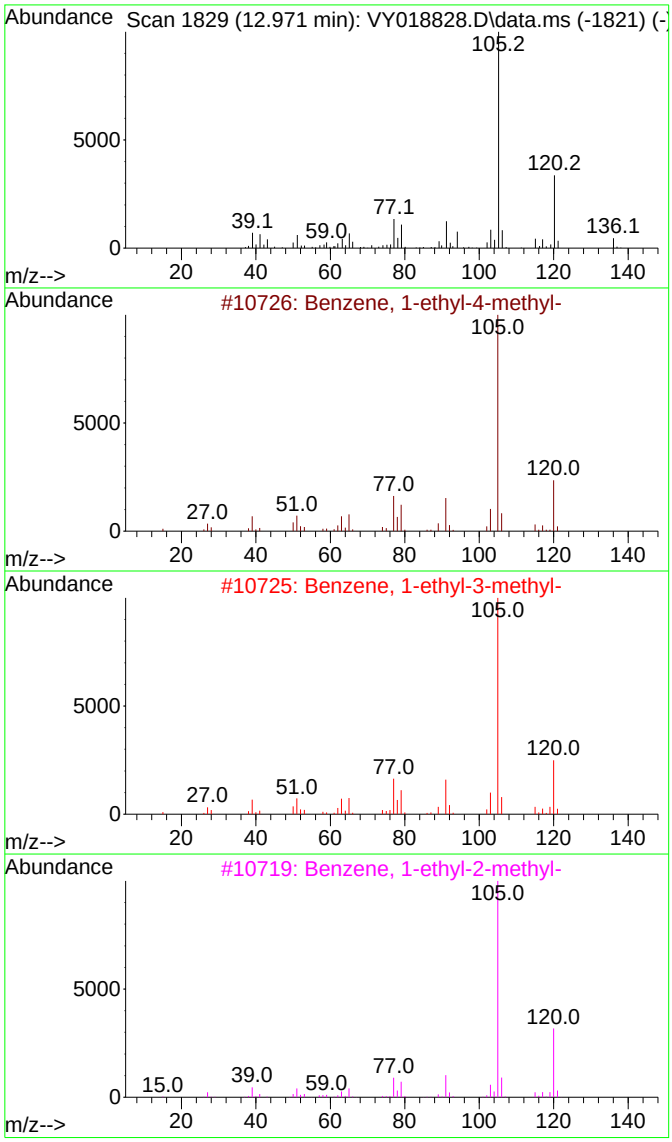
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

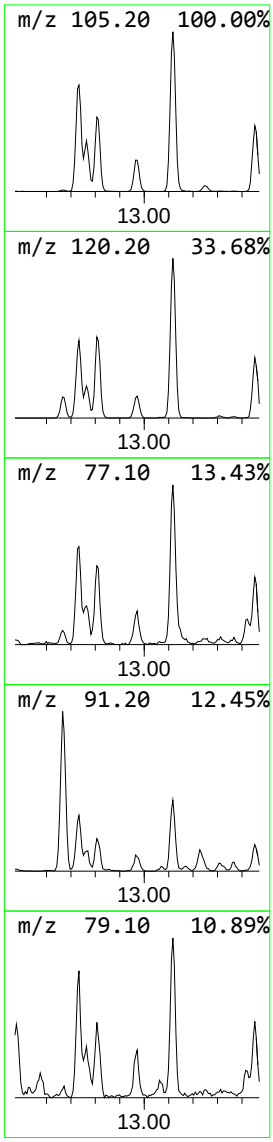
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	10.81 ug/l	144820	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	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
5	Mesitylene	120	C9H12	000108-67-8	87





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
356STEVEN-14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

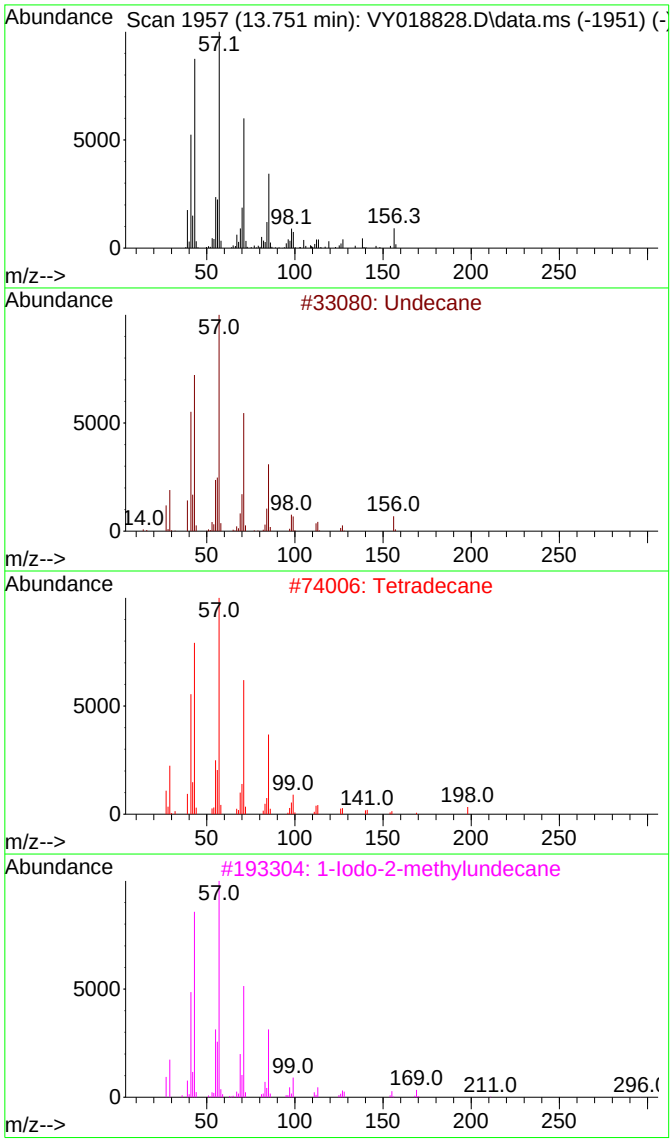
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

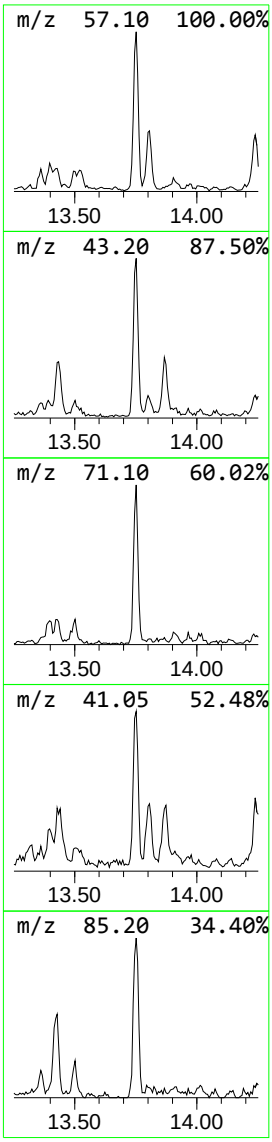
****

Peak Number 6 Undecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	11.14 ug/l	149238	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	96
2	Tetradecane	198	C14H30	000629-59-4	80
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
4	Nonadecane	268	C19H40	000629-92-5	64
5	Heptadecane	240	C17H36	000629-78-7	59





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Data File : VY018828.D
Acq On : 16 Jul 2024 13:26
Operator : SY/MD
Sample : P3224-29
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
356STEVEN-14

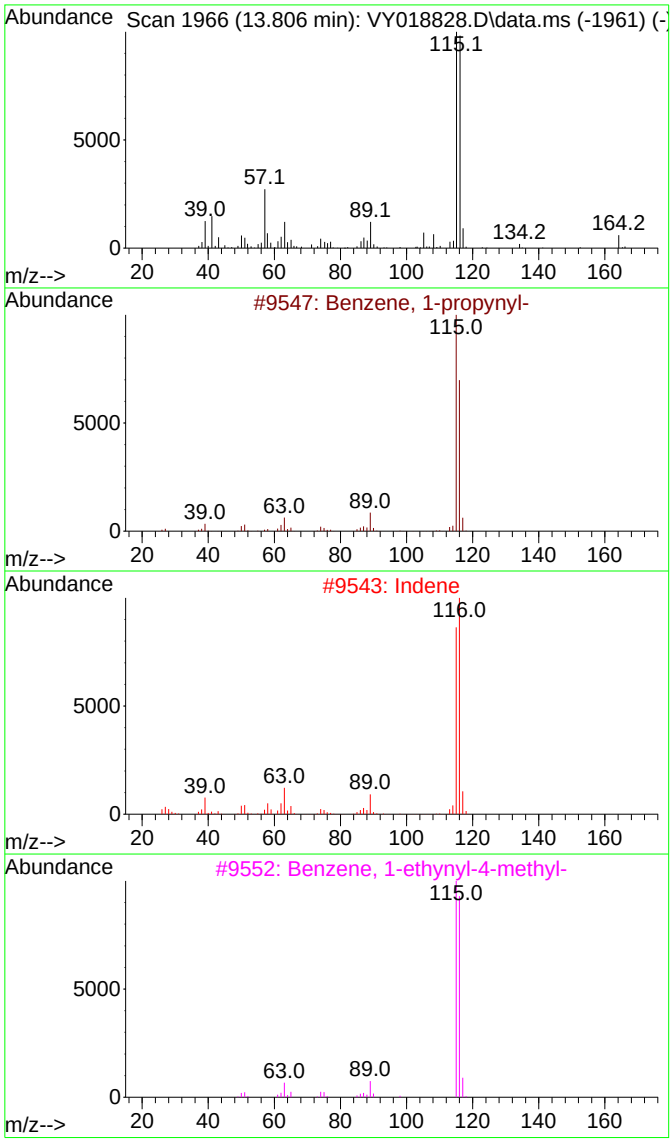
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

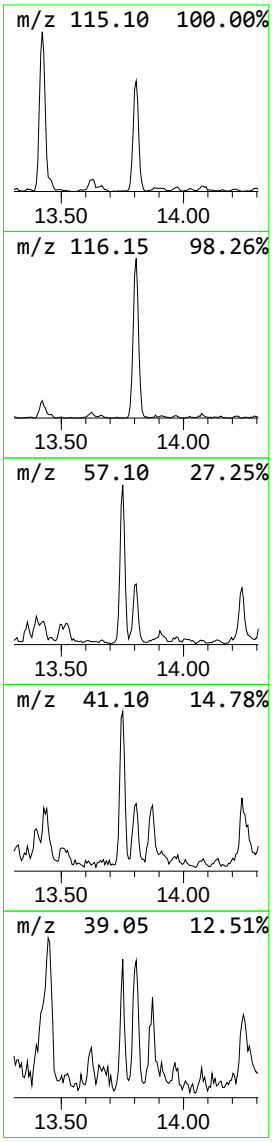
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-propynyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.806	12.83 ug/l	171925	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
2	Indene	116	C9H8	000095-13-6	91
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	90
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
Data File : VY018828.D
Acq On : 16 Jul 2024 13:26
Operator : SY/MD
Sample : P3224-29
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
356STEVEN-14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

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

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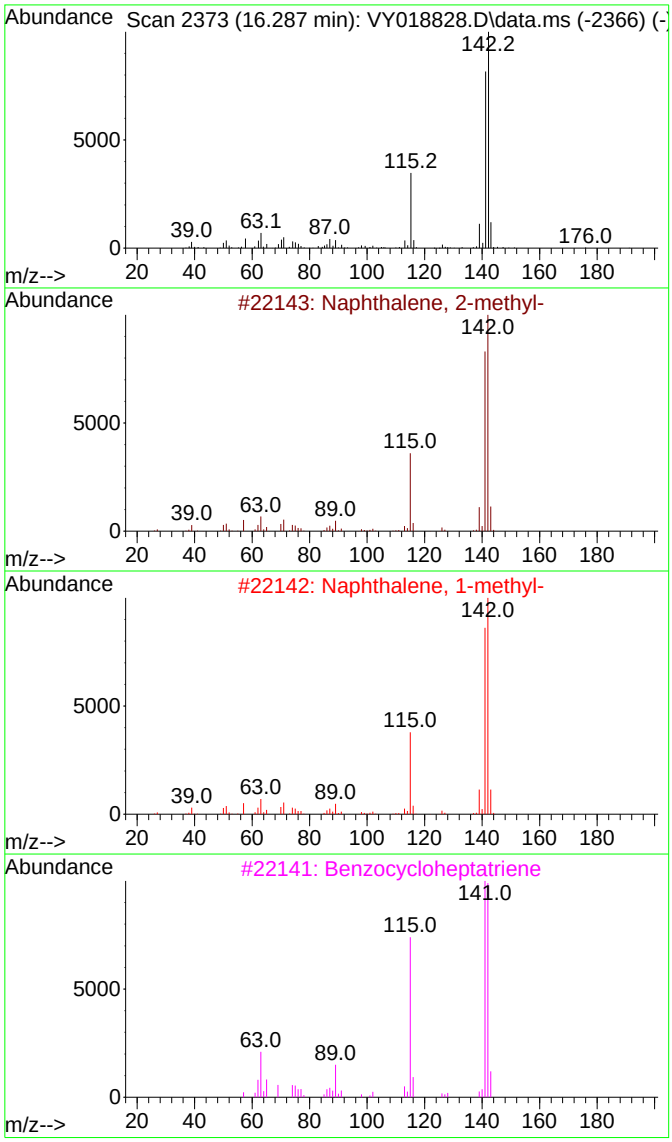
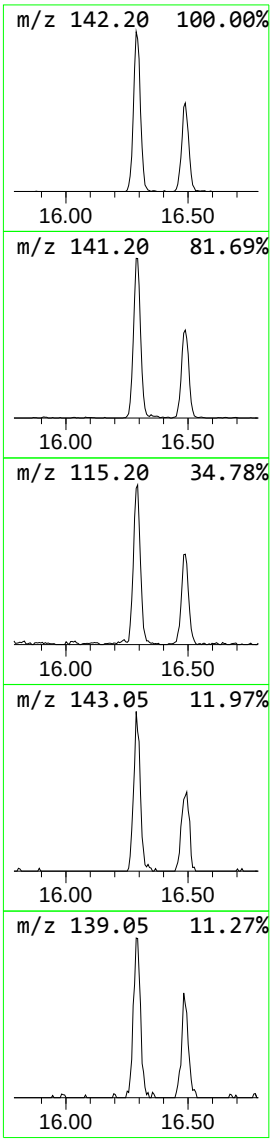
Peak Number 8 Naphthalene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.287	16.03 ug/l	214830	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
Data File : VY018828.D
Acq On : 16 Jul 2024 13:26
Operator : SY/MD
Sample : P3224-29
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
356STEVEN-14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

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

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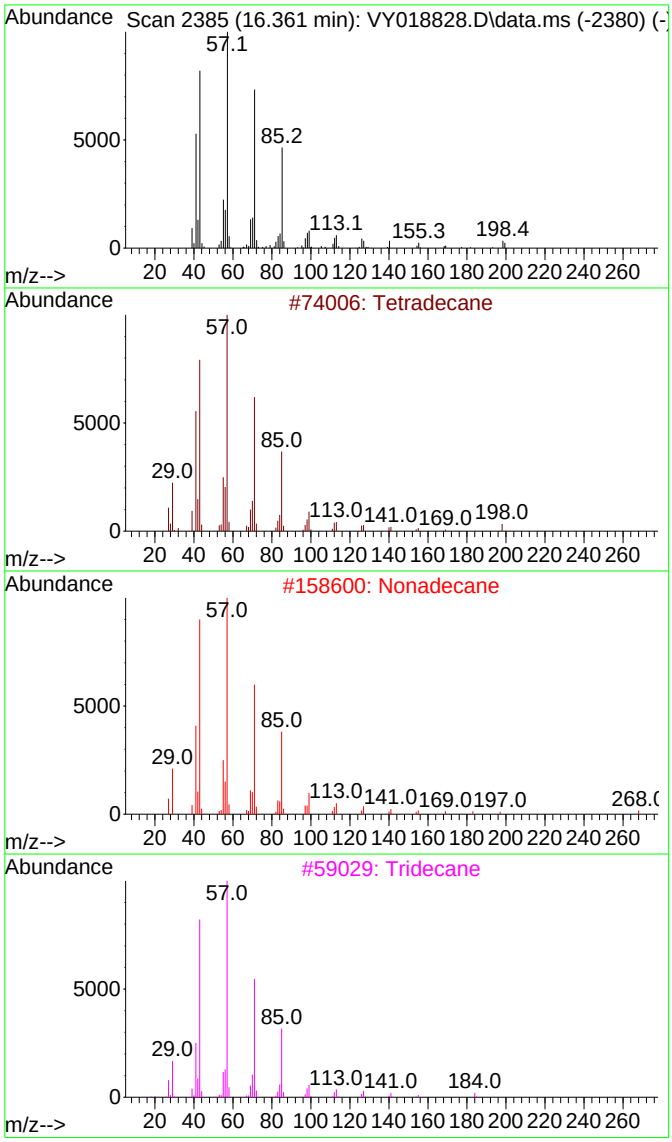
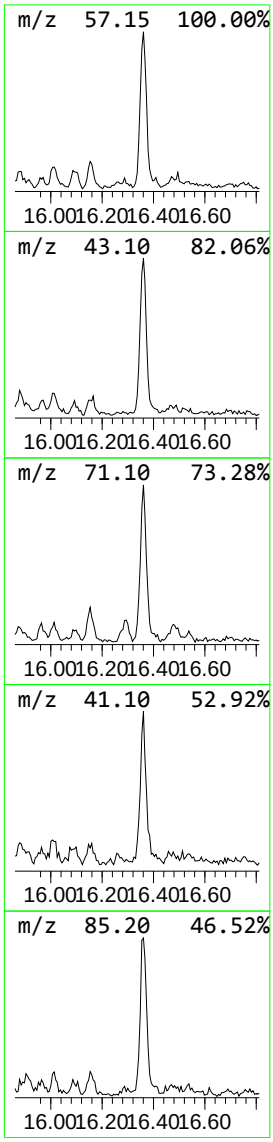
Peak Number 9 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.361	11.00 ug/l	147384	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	98
2	Nonadecane	268	C19H40	000629-92-5	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
5	Pentadecane	212	C15H32	000629-62-9	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
Data File : VY018828.D
Acq On : 16 Jul 2024 13:26
Operator : SY/MD
Sample : P3224-29
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
356STEVEN-14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

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

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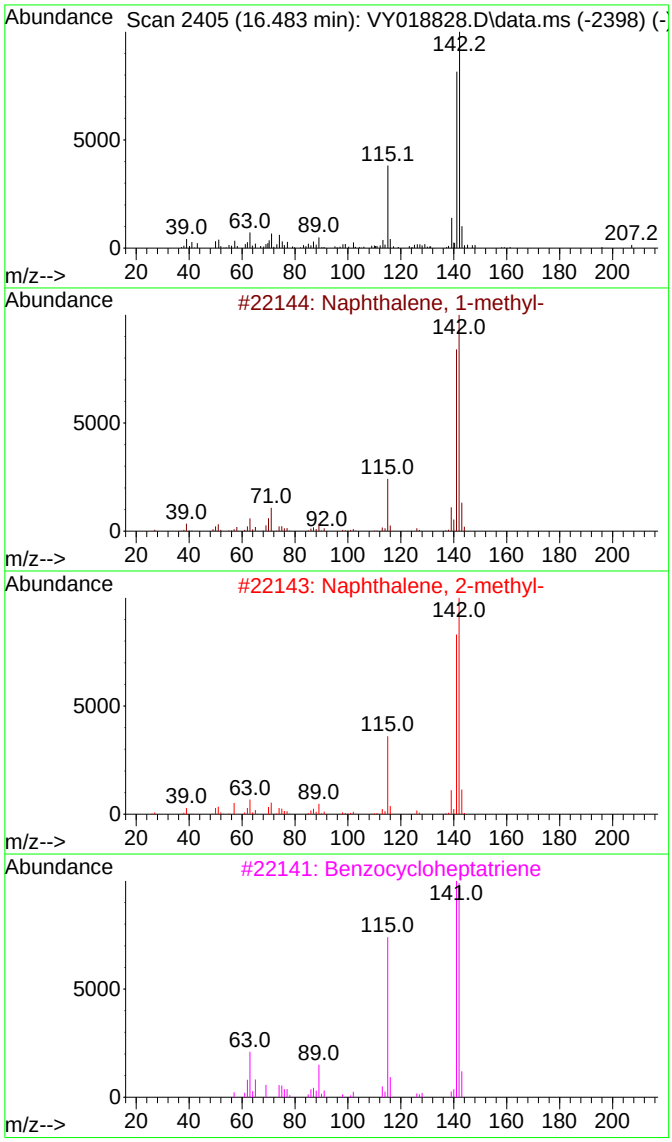
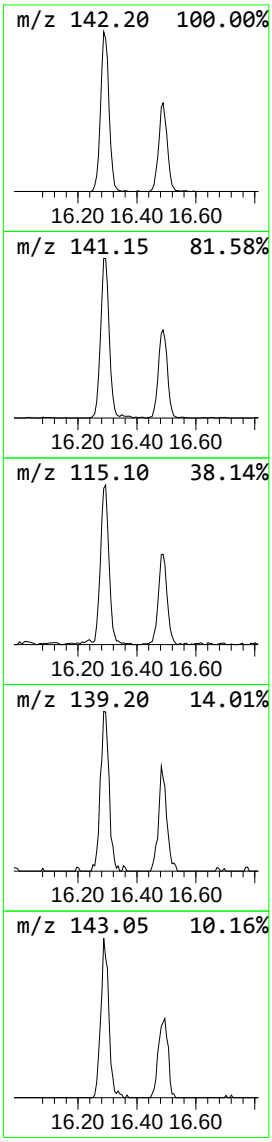
Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.483	10.91 ug/l	146178	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1-Naphthaleneacetamide	185	C12H11NO	000086-86-2	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
Data File : VY018828.D
Acq On : 16 Jul 2024 13:26
Operator : SY/MD
Sample : P3224-29
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
356STEVEN-14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.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	1.851	20.2	ug/l	252817	1	7.771	625275	50.0
1-Propene, 2-me...	2.198	14.1	ug/l	175849	1	7.771	625275	50.0
Octane	10.362	11.7	ug/l	208885	3	11.483	894195	50.0
Benzene, 1-ethy...	12.733	26.2	ug/l	350456	4	13.422	669937	50.0
Benzene, 1-ethy...	12.971	10.8	ug/l	144820	4	13.422	669937	50.0
Undecane	13.751	11.1	ug/l	149238	4	13.422	669937	50.0
Benzene, 1-prop...	13.806	12.8	ug/l	171925	4	13.422	669937	50.0
Naphthalene, 2-...	16.287	16.0	ug/l	214830	4	13.422	669937	50.0
Tetradecane	16.361	11.0	ug/l	147384	4	13.422	669937	50.0
Naphthalene, 1-...	16.483	10.9	ug/l	146178	4	13.422	669937	50.0