LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
Data File : VY016918.D
Acq On : 05 Jan 2024 13:18
Operator : SY/MD
Sample : P1015-01
Misc : 4.85g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MR-301P-0-2

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\82Y010224S.M
Title : SW846 8260

Signal : TIC: VY016918.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.875	5	9	17	rVB2	12123	18666	2.94%	0.327%
2	2.266	64	73	81	rBV	13303	25110	3.96%	0.440%
3	3.399	250	259	291	rBV	86240	296785	46.79%	5.197%
4	4.058	361	367	375	rVB3	2669	6758	1.07%	0.118%
5	4.747	471	480	492	rVB	5959	17856	2.82%	0.313%
6	7.746	962	972	977	rBV	84767	200230	31.57%	3.506%
7	7.813	977	983	1000	rVB	152910	353221	55.69%	6.186%
8	8.167	1032	1041	1051	rBV2	74135	164817	25.98%	2.886%
9	8.716	1121	1131	1144	rBV	276799	561277	88.49%	9.829%
10	10.203	1367	1375	1383	rBV	335677	578505	91.21%	10.131%
11	11.514	1582	1590	1601	rBV	383227	634288	100.00%	11.107%
12	12.501	1743	1752	1761	rBV	183286	287803	45.37%	5.040%
13	13.446	1900	1907	1919	rBV	249841	393244	62.00%	6.886%
14	13.550	1919	1924	1930	rVV3	6338	10829	1.71%	0.190%
15	13.642	1936	1939	1942	rVV	16438	23546	3.71%	0.412%
16	13.684	1942	1946	1955	rVB3	24851	54671	8.62%	0.957%
17	13.770	1955	1960	1965	rBV4	5871	8382	1.32%	0.147%
18	13.843	1966	1972	1977	rVB	15530	22514	3.55%	0.394%
19	13.904	1977	1982	1984	rBV	32295	48414	7.63%	0.848%
20	13.934	1984	1987	1991	rVV	42147	61521	9.70%	1.077%
21	13.989	1991	1996	2002	rVB	101098	147635	23.28%	2.585%
22	14.099	2008	2014	2019	rVB2	33001	52644	8.30%	0.922%
23	14.172	2019	2026	2031	rBV7	5715	12428	1.96%	0.218%
24	14.233	2031	2036	2041	rBV	35425	52919	8.34%	0.927%
25	14.312	2041	2049	2052	rVV	106345	173892	27.42%	3.045%
26	14.355	2052	2056	2060	rVV	183401	275365	43.41%	4.822%
27	14.397	2060	2063	2067	rVV2	39886	58428	9.21%	1.023%
28	14.440	2067	2070	2076	rVV	26494	38985	6.15%	0.683%
29	14.501	2076	2080	2083	rVV2	6033	9464	1.49%	0.166%
30	14.538	2083	2086	2090	rVV	17735	25182	3.97%	0.441%
31	14.586	2090	2094	2098	rVV2	37902	67224	10.60%	1.177%
32	14.629	2098	2101	2106	rVV	51899	73673	11.62%	1.290%
33	14.690	2106	2111	2118	rVV2	119205	253175	39.91%	4.434%
34	14.757	2118	2122	2128	rVV	44040	68003	10.72%	1.191%
35	14.885	2140	2143	2148	rVV2	7738	11028	1.74%	0.193%
36	14.964	2151	2156	2168	rVV	56827	132901	20.95%	2.327%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
Data File : VY016918.D
Acq On : 05 Jan 2024 13:18
Operator : SY/MD
Sample : P1015-01
Misc : 4.85g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MR-301P-0-2

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\82Y010224S.M
Title : SW846 8260

37	15.068	2168	2173	2183	rVV2	32643	64445	10.16%	1.129%
38	15.153	2184	2187	2192	rVB5	6756	10278	1.62%	0.180%
39	15.257	2192	2204	2210	rBV	61872	123140	19.41%	2.156%
40	15.367	2217	2222	2226	rVB3	10357	18026	2.84%	0.316%
41	15.452	2232	2236	2244	rVB	33429	53609	8.45%	0.939%
42	15.550	2245	2252	2259	rBV2	12800	30933	4.88%	0.542%
43	15.714	2275	2279	2286	rVB4	4322	10414	1.64%	0.182%
44	15.836	2292	2299	2305	rVB2	10870	20747	3.27%	0.363%
45	15.903	2305	2310	2311	rBV4	5968	8105	1.28%	0.142%
46	16.037	2327	2332	2339	rVV7	5306	12833	2.02%	0.225%
47	16.117	2339	2345	2350	rVB4	6426	13578	2.14%	0.238%
48	16.178	2350	2355	2362	rBV5	7235	13475	2.12%	0.236%
49	16.318	2371	2378	2383	rBV2	8057	16358	2.58%	0.286%
50	16.385	2383	2389	2401	rVB2	40346	74741	11.78%	1.309%
51	16.507	2401	2409	2416	rBV2	5730	18398	2.90%	0.322%

Sum of corrected areas: 5710463

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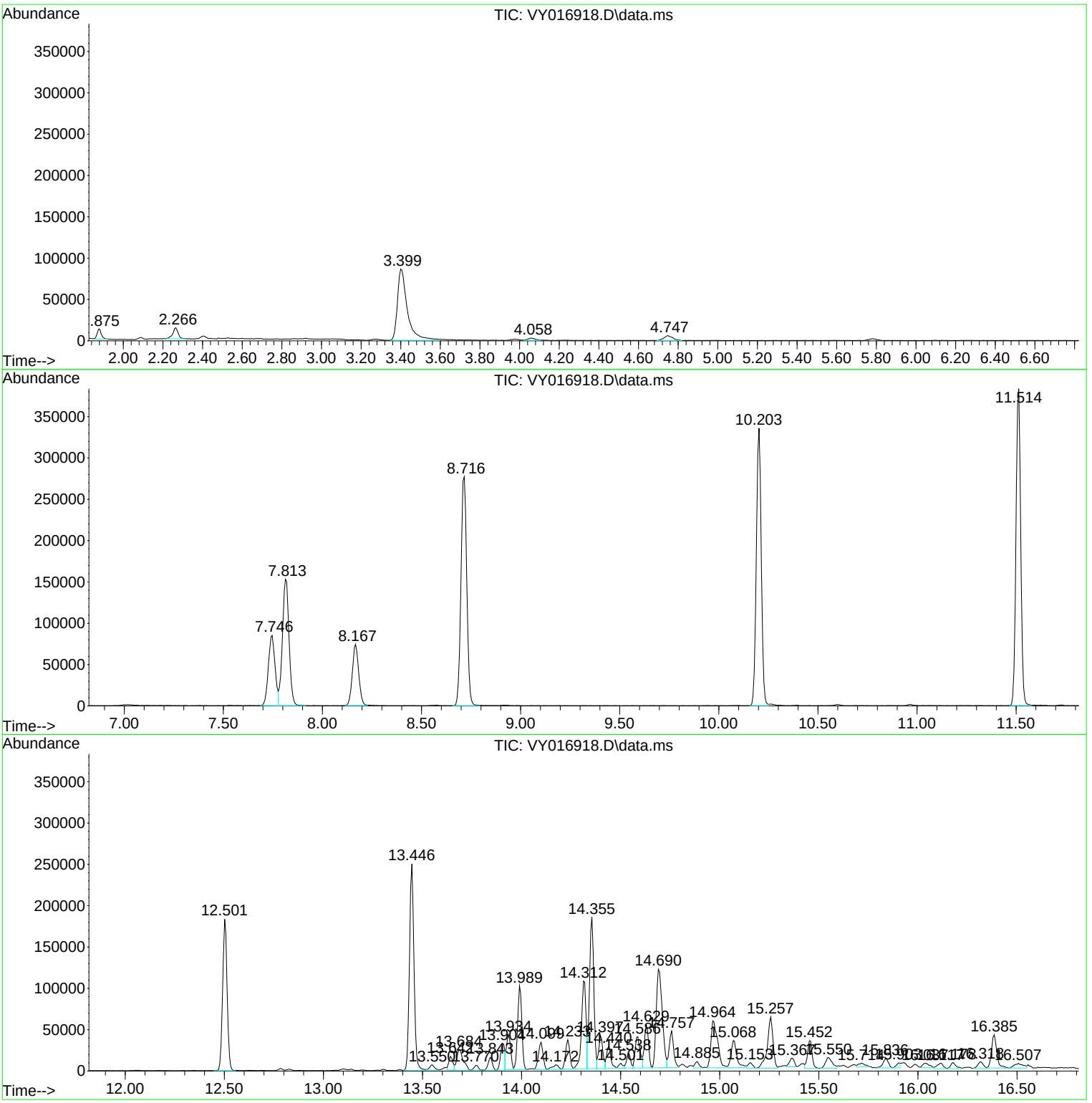
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MR-301P-0-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
Data File : VY016918.D
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Operator : SY/MD
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

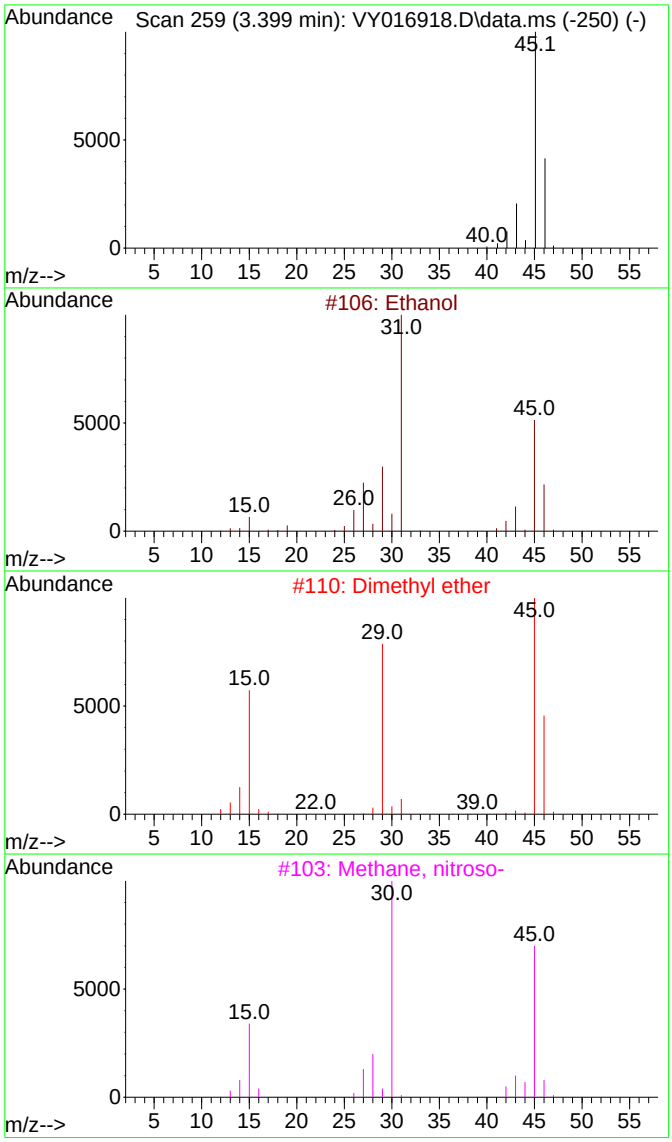
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

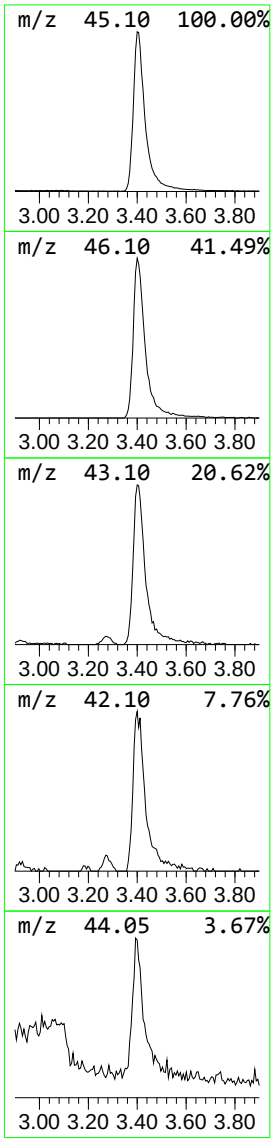
****

Peak Number 1 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.399	42.01 ug/l	296785	Pentafluorobenzene	7.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	74
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Formic acid	46	CH2O2	000064-18-6	4
5	Oxalic acid	90	C2H2O4	000144-62-7	4





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Data File : VY016918.D
Acq On : 05 Jan 2024 13:18
Operator : SY/MD
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Misc : 4.85g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MR-301P-0-2

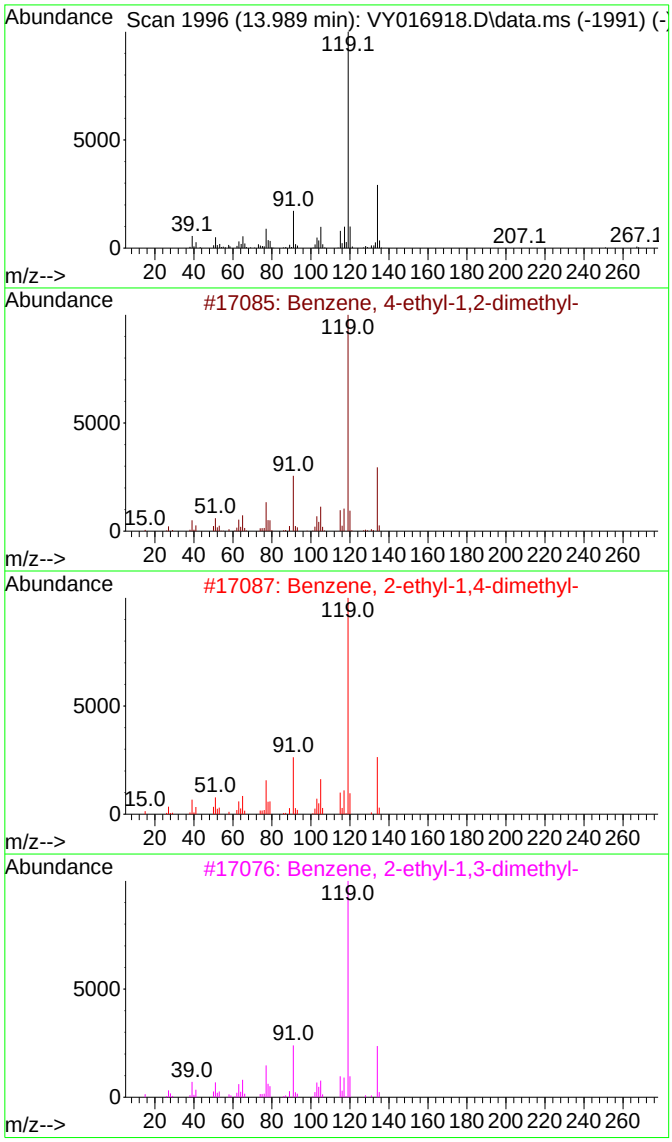
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

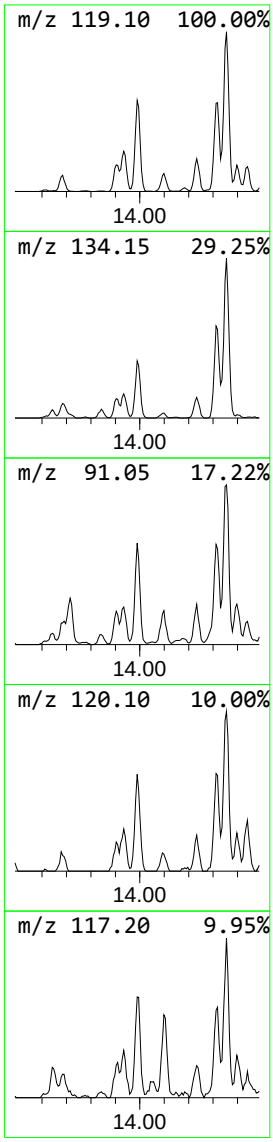
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.989	18.77 ug/l	147635	1,4-Dichlorobenzene-d4	13.446

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
Data File : VY016918.D
Acq On : 05 Jan 2024 13:18
Operator : SY/MD
Sample : P1015-01
Misc : 4.85g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MR-301P-0-2

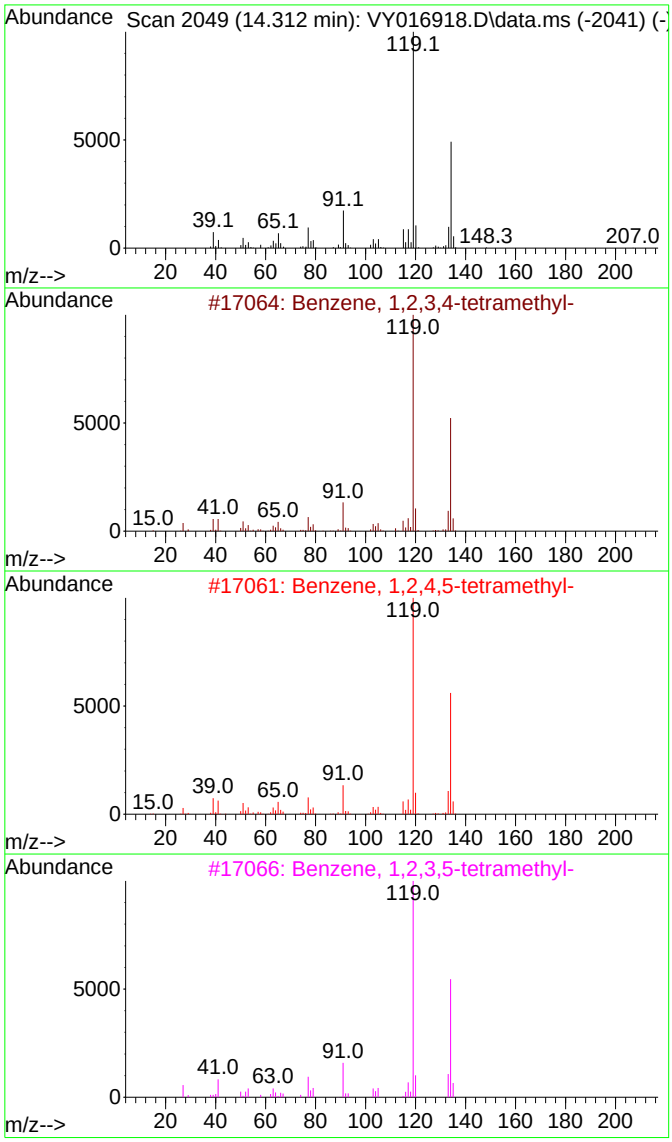
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

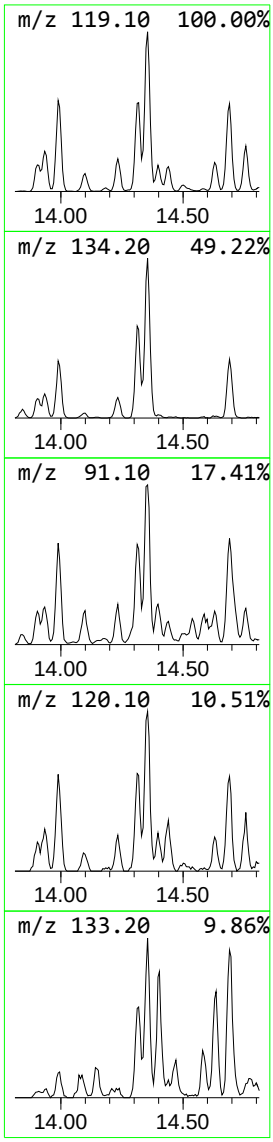
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.312	22.11 ug/l	173892	1,4-Dichlorobenzene-d4	13.446

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
Data File : VY016918.D
Acq On : 05 Jan 2024 13:18
Operator : SY/MD
Sample : P1015-01
Misc : 4.85g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MR-301P-0-2

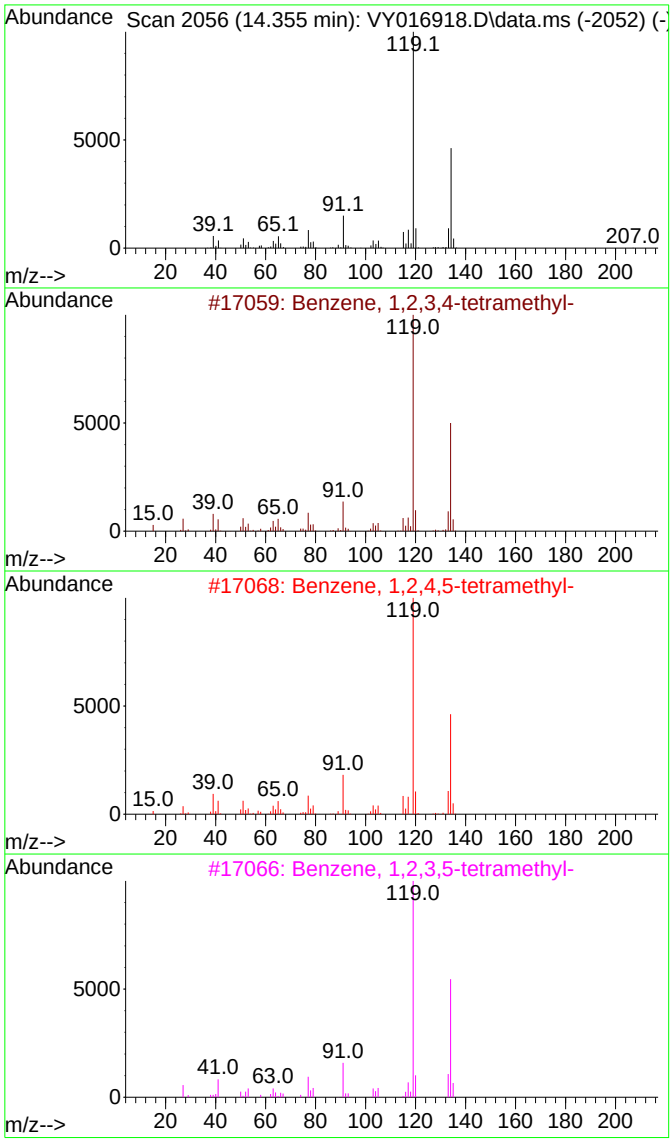
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

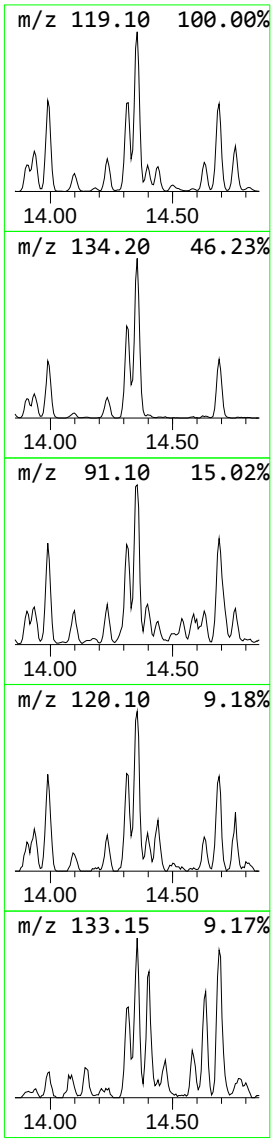
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.355	35.01 ug/l	275365	1,4-Dichlorobenzene-d4	13.446

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
Data File : VY016918.D
Acq On : 05 Jan 2024 13:18
Operator : SY/MD
Sample : P1015-01
Misc : 4.85g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MR-301P-0-2

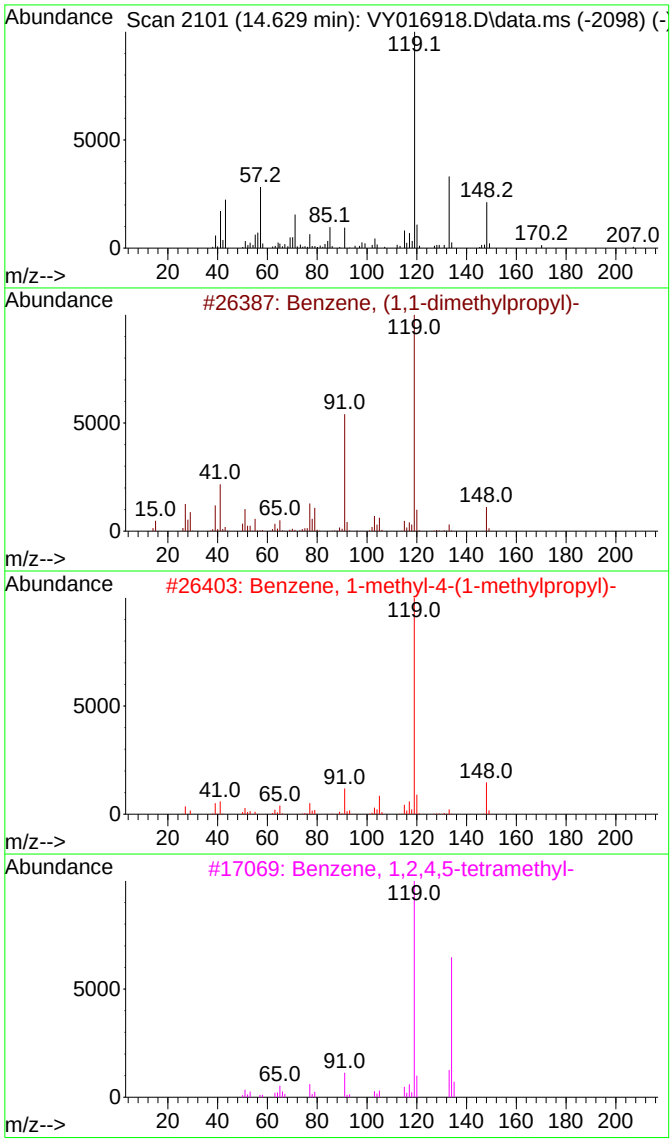
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

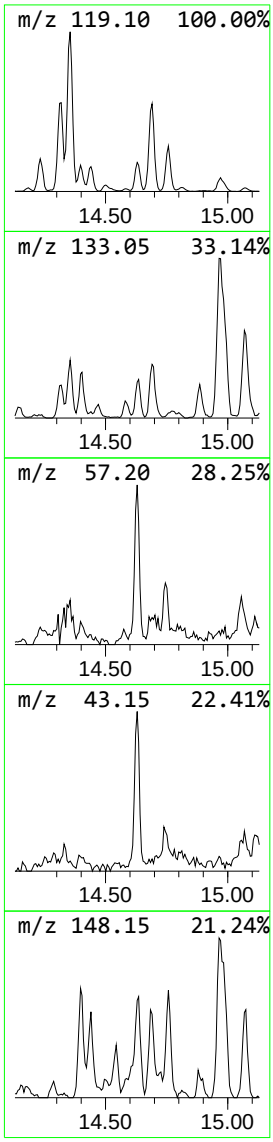
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, (1,1-dimethylpropyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.629	9.37 ug/l	73673	1,4-Dichlorobenzene-d4	13.446

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	53
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	50
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	50





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Acq On : 05 Jan 2024 13:18
Operator : SY/MD
Sample : P1015-01
Misc : 4.85g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MR-301P-0-2

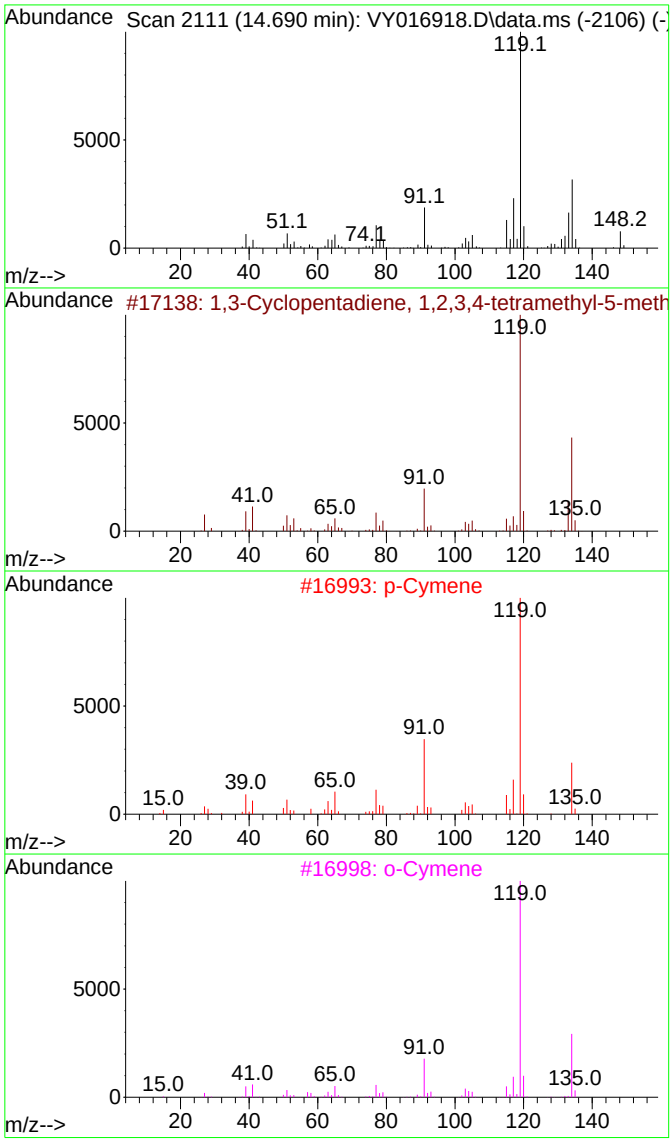
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

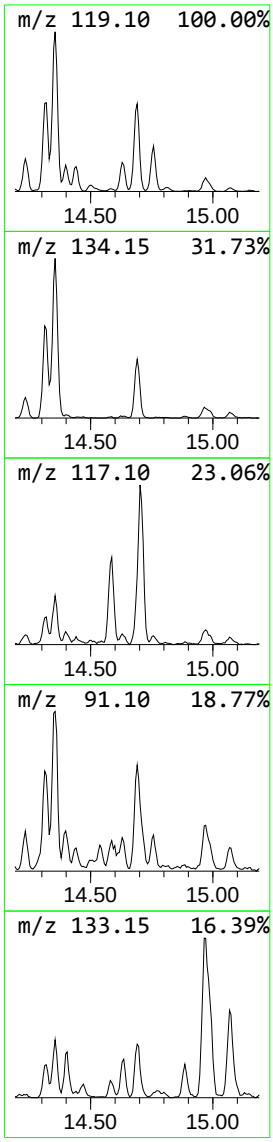
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.690	32.19 ug/l	253175	1,4-Dichlorobenzene-d4	13.446

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
2	p-Cymene	134	C10H14	000099-87-6	81
3	o-Cymene	134	C10H14	000527-84-4	76
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76





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Misc : 4.85g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MR-301P-0-2

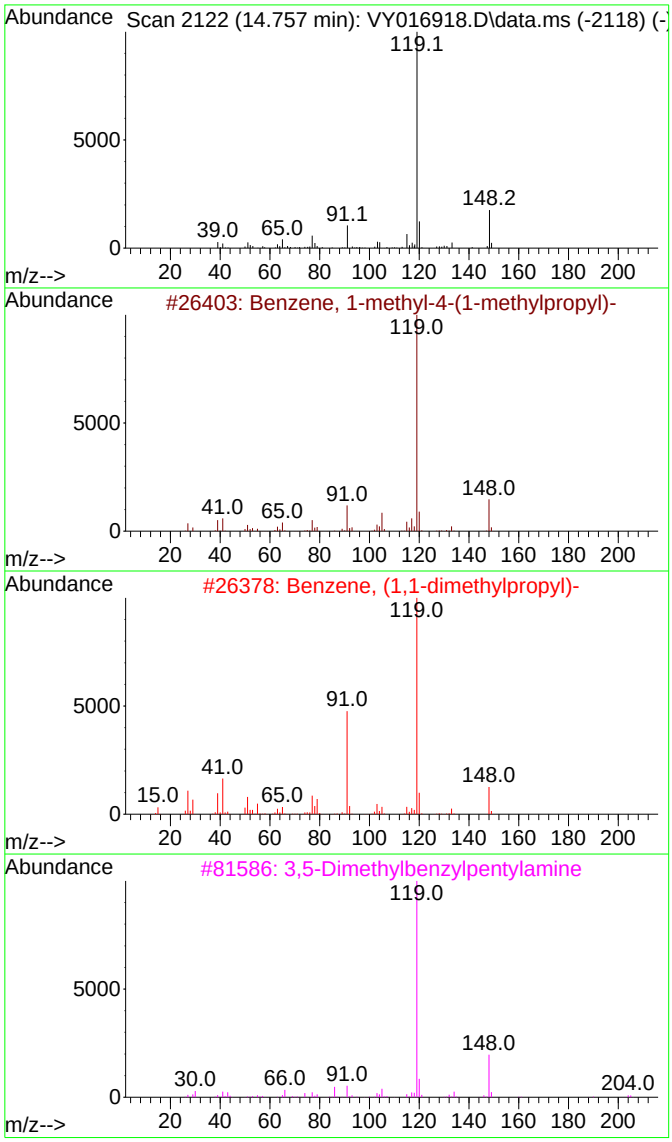
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

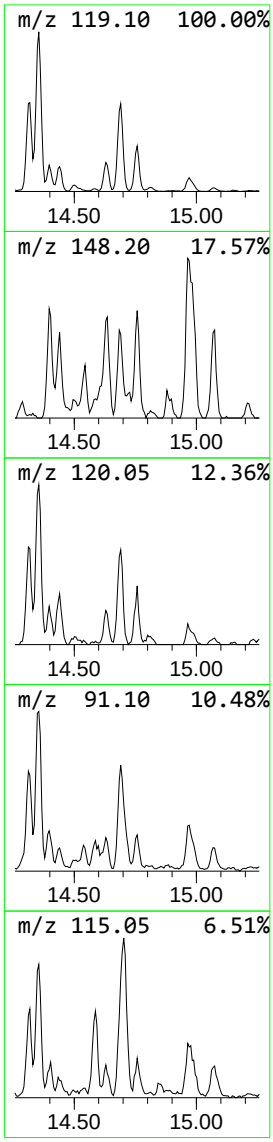
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-methyl-4-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.757	8.65 ug/l	68003	1,4-Dichlorobenzene-d4	13.446

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	91
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	91
3	3,5-Dimethylbenzylpentylamine	205	C14H23N	1000491-60-8	78
4	o-Toluic acid, 4-cyanophenyl ester	237	C15H11NO2	1010307-45-8	64
5	m-Toluic acid, 4-cyanophenyl ester	237	C15H11NO2	1000307-56-9	64





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Data File : VY016918.D
Acq On : 05 Jan 2024 13:18
Operator : SY/MD
Sample : P1015-01
Misc : 4.85g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MR-301P-0-2

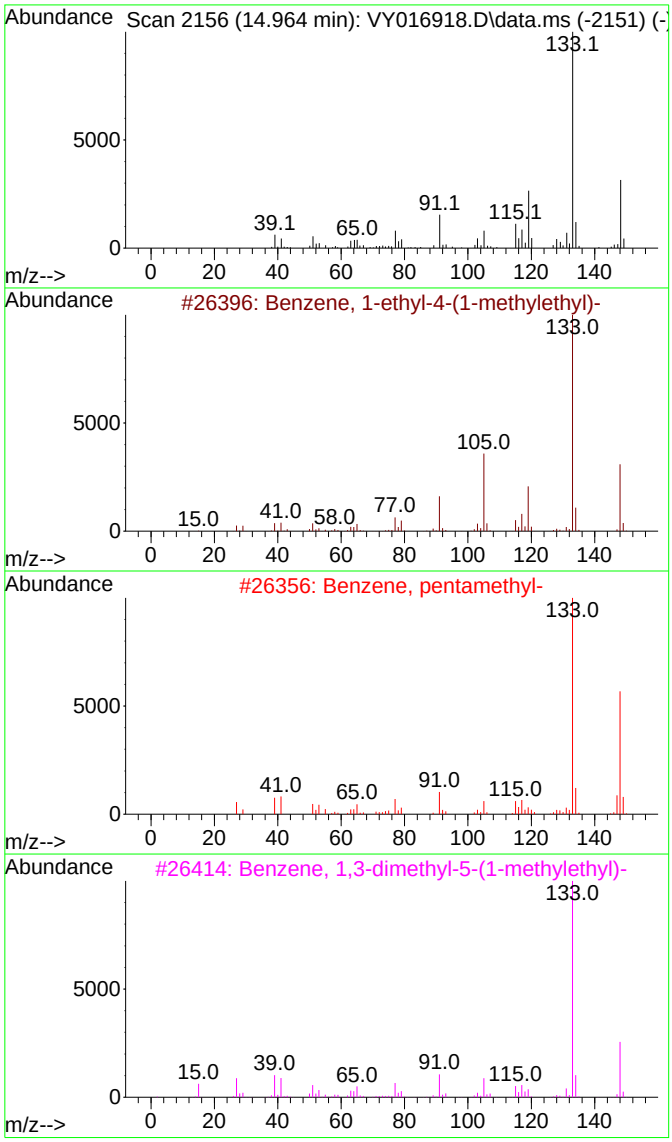
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

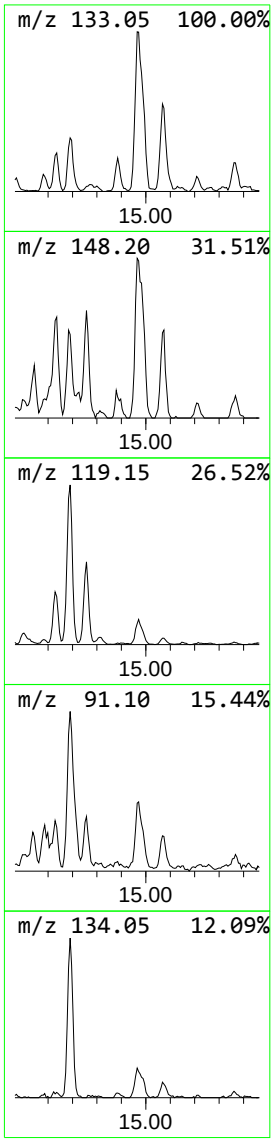
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.964	16.90 ug/l	132901	1,4-Dichlorobenzene-d4	13.446

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	87
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	81
4	4-tert-Butyltoluene	148	C11H16	000098-51-1	81
5	2-tert-Butyltoluene	148	C11H16	001074-92-6	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
Data File : VY016918.D
Acq On : 05 Jan 2024 13:18
Operator : SY/MD
Sample : P1015-01
Misc : 4.85g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MR-301P-0-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

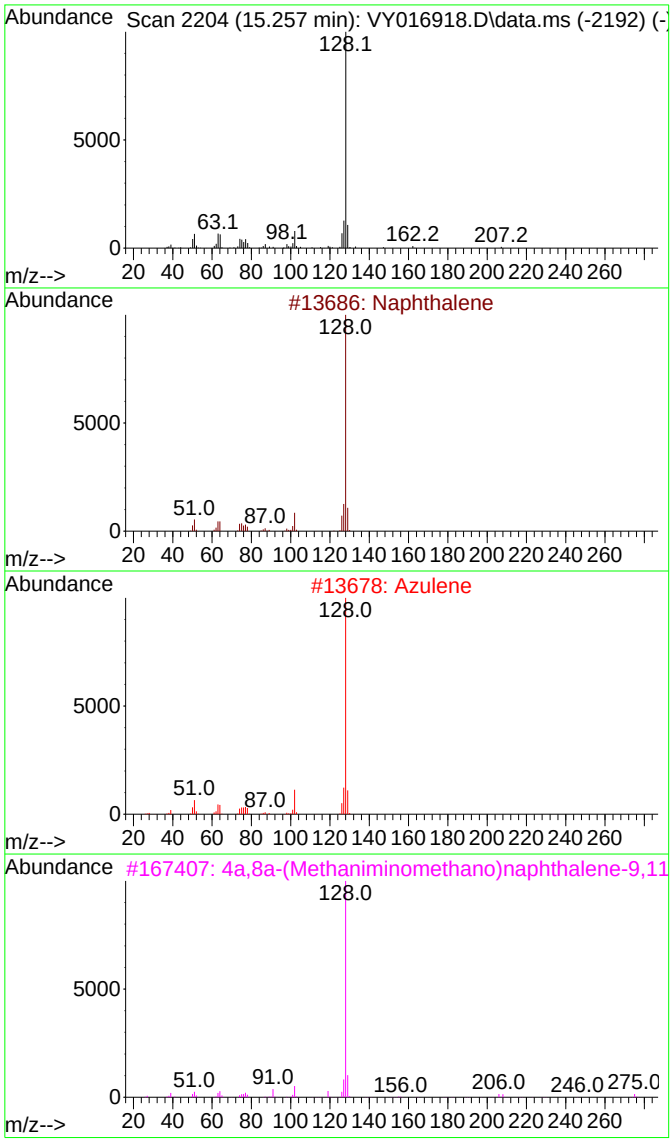
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

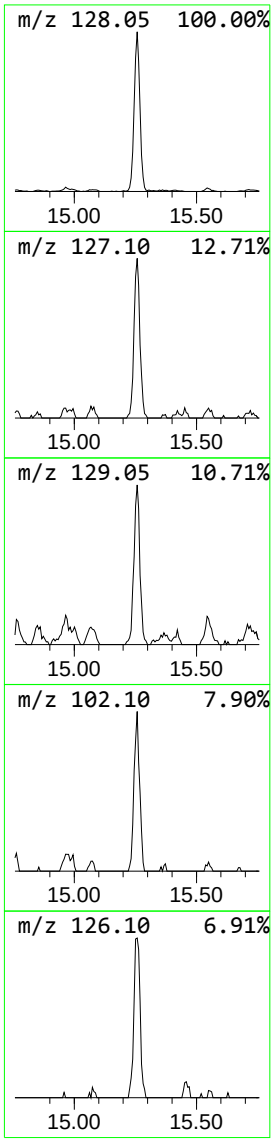
****

Peak Number 9 Azulene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.257	15.66 ug/l	123140	1,4-Dichlorobenzene-d4	13.446

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	90
3	4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	78
4	1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	64
5	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
Data File : VY016918.D
Acq On : 05 Jan 2024 13:18
Operator : SY/MD
Sample : P1015-01
Misc : 4.85g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MR-301P-0-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

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

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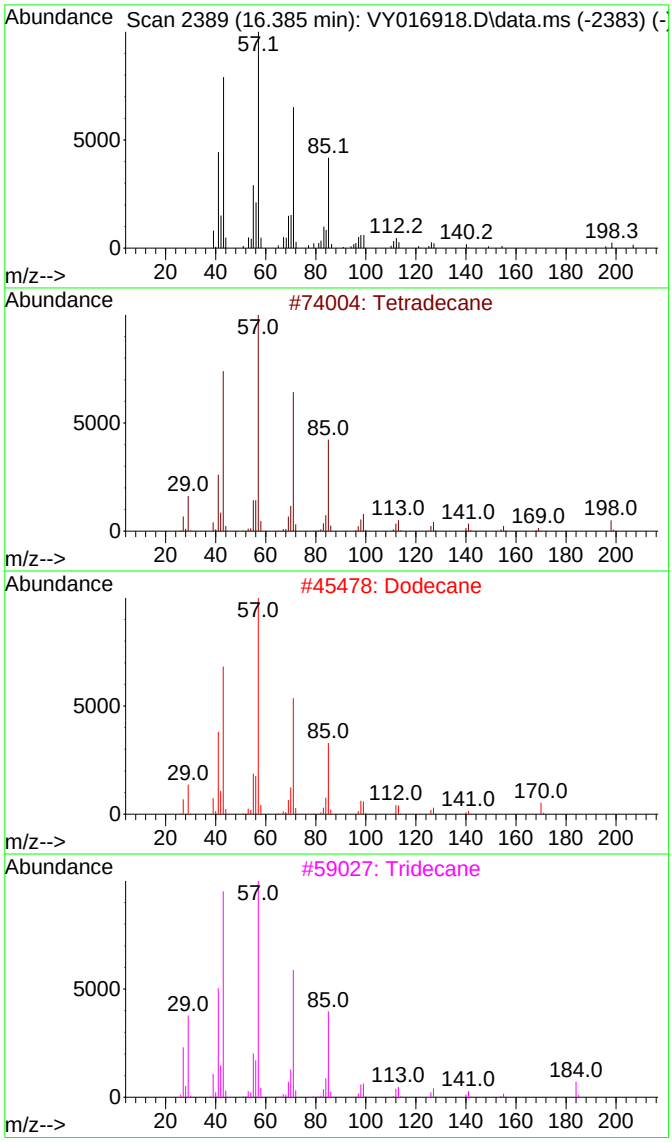
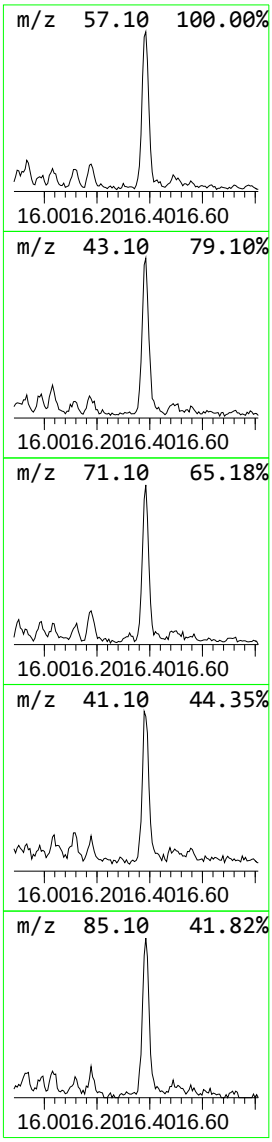
Peak Number 10 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.385	9.50 ug/l	74741	1,4-Dichlorobenzene-d4	13.446

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Dodecane	170	C12H26	000112-40-3	83
3	Tridecane	184	C13H28	000629-50-5	83
4	Nonadecane	268	C19H40	000629-92-5	80
5	Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
Data File : VY016918.D
Acq On : 05 Jan 2024 13:18
Operator : SY/MD
Sample : P1015-01
Misc : 4.85g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MR-301P-0-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.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
Ethanol	3.399	42.0	ug/l	296785	1	7.813	353221	50.0
Benzene, 4-ethy...	13.989	18.8	ug/l	147635	4	13.446	393244	50.0
Benzene, 1,2,3,...	14.312	22.1	ug/l	173892	4	13.446	393244	50.0
Benzene, 1,2,4,...	14.355	35.0	ug/l	275365	4	13.446	393244	50.0
Benzene, (1,1-d...	14.629	9.4	ug/l	73673	4	13.446	393244	50.0
1,3-Cyclopentad...	14.690	32.2	ug/l	253175	4	13.446	393244	50.0
Benzene, 1-meth...	14.757	8.7	ug/l	68003	4	13.446	393244	50.0
Benzene, 1-ethy...	14.964	16.9	ug/l	132901	4	13.446	393244	50.0
Azulene	15.257	15.7	ug/l	123140	4	13.446	393244	50.0
Tetradecane	16.385	9.5	ug/l	74741	4	13.446	393244	50.0