LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
Data File : VY008157.D
Acq On : 01 Apr 2022 13:43
Operator : SY/MD
Sample : N2061-02
Misc : 5.69g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

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\82Y032522S.M
Title : SW846 8260

Signal : TIC: VY008157.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.198	377	390	400	rBV	20767	55710	1.35%	0.239%
2	7.716	958	967	973	rBV	97888	235170	5.68%	1.009%
3	7.789	973	979	990	rVB	165639	373523	9.02%	1.602%
4	8.161	1027	1040	1054	rBV	1281289	2933374	70.87%	12.584%
5	8.685	1118	1126	1143	rVB	248913	507630	12.26%	2.178%
6	10.179	1363	1371	1377	rBV	412453	711936	17.20%	3.054%
7	10.240	1377	1381	1389	rVB	58781	103699	2.51%	0.445%
8	11.490	1579	1586	1596	rBV	383097	676611	16.35%	2.903%
9	11.593	1596	1603	1612	rVV	1204271	1870111	45.18%	8.023%
10	11.703	1612	1621	1631	rVV	238029	462224	11.17%	1.983%
11	12.026	1662	1674	1682	rBV	568334	947308	22.89%	4.064%
12	12.331	1718	1724	1729	rBV	118433	180783	4.37%	0.776%
13	12.489	1742	1750	1760	rBV3	533105	963588	23.28%	4.134%
14	12.672	1771	1780	1785	rVB	49775	95617	2.31%	0.410%
15	12.733	1785	1790	1793	rBV	66550	111394	2.69%	0.478%
16	12.770	1793	1796	1799	rVV	91736	133532	3.23%	0.573%
17	12.813	1799	1803	1810	rVB	156512	234458	5.66%	1.006%
18	12.971	1821	1829	1837	rBV	120062	204506	4.94%	0.877%
19	13.123	1848	1854	1860	rBV	373592	557539	13.47%	2.392%
20	13.319	1879	1886	1890	rBV	55190	94431	2.28%	0.405%
21	13.367	1890	1894	1898	rVB2	64360	91765	2.22%	0.394%
22	13.428	1898	1904	1907	rBV	379324	646643	15.62%	2.774%
23	13.629	1923	1937	1941	rBV	1504162	2433231	58.78%	10.438%
24	13.666	1941	1943	1951	rVV2	150430	216126	5.22%	0.927%
25	13.751	1951	1957	1961	rVV6	25791	50382	1.22%	0.216%
26	13.806	1961	1966	1975	rVV	176655	302351	7.30%	1.297%
27	13.886	1975	1979	1981	rVV	44410	65835	1.59%	0.282%
28	13.916	1981	1984	1988	rVV	57721	87395	2.11%	0.375%
29	13.971	1988	1993	1999	rVB2	182927	286569	6.92%	1.229%
30	14.081	2005	2011	2016	rBV	124086	201664	4.87%	0.865%
31	14.300	2043	2047	2049	rBV	35391	45243	1.09%	0.194%
32	14.337	2049	2053	2057	rVB	79368	108693	2.63%	0.466%
33	14.385	2057	2061	2064	rBV2	33265	45025	1.09%	0.193%
34	14.568	2086	2091	2096	rBV	126382	193638	4.68%	0.831%
35	14.678	2103	2109	2115	rBV2	107896	224021	5.41%	0.961%
36	14.751	2115	2121	2129	rVB5	36343	70160	1.69%	0.301%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
Data File : VY008157.D
Acq On : 01 Apr 2022 13:43
Operator : SY/MD
Sample : N2061-02
Misc : 5.69g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

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\82Y032522S.M
Title : SW846 8260

37	14.837	2129	2135	2144	rVB	116122	190573	4.60%	0.818%
38	14.946	2146	2153	2157	rBV4	45791	96810	2.34%	0.415%
39	15.056	2166	2171	2179	rVB2	24037	46176	1.12%	0.198%
40	15.239	2193	2201	2210	rVB	2555499	4139281	100.00%	17.757%
41	15.336	2212	2217	2224	rVB2	63112	121263	2.93%	0.520%
42	15.721	2268	2280	2284	rBV7	19122	57093	1.38%	0.245%
43	15.836	2291	2299	2303	rBV4	17915	45393	1.10%	0.195%
44	16.233	2356	2364	2367	rBV	21362	42898	1.04%	0.184%
45	16.294	2367	2374	2387	rVB	485489	986136	23.82%	4.230%
46	16.495	2399	2407	2417	rVB	506801	1063136	25.68%	4.561%

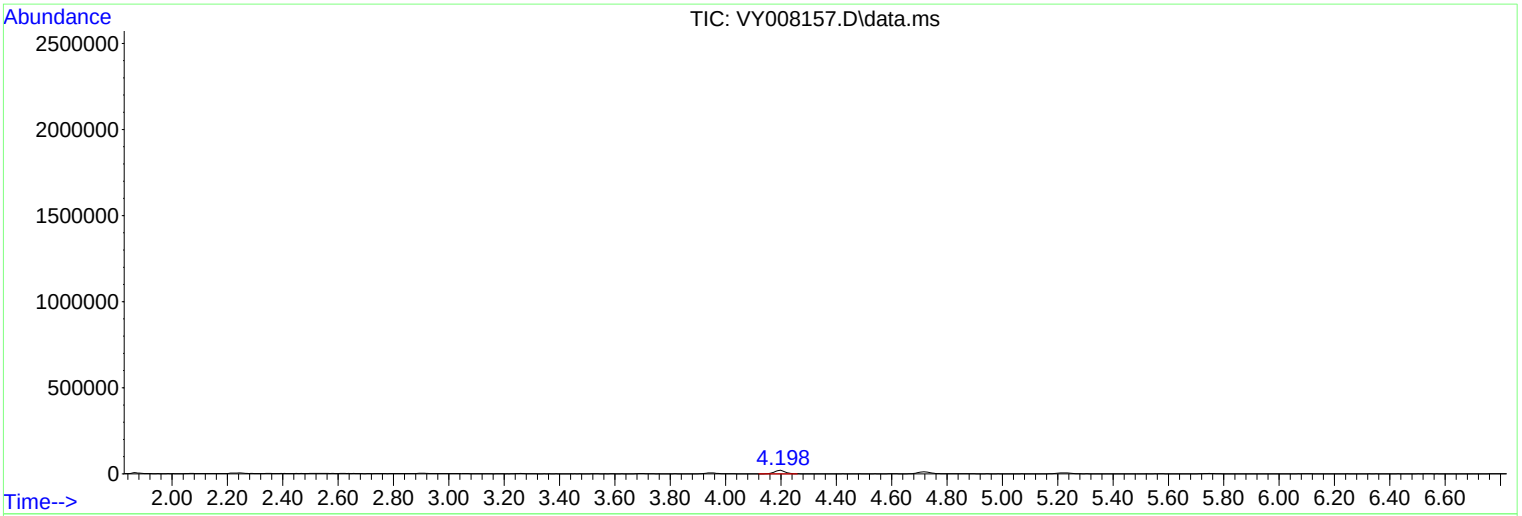
Sum of corrected areas: 23310644

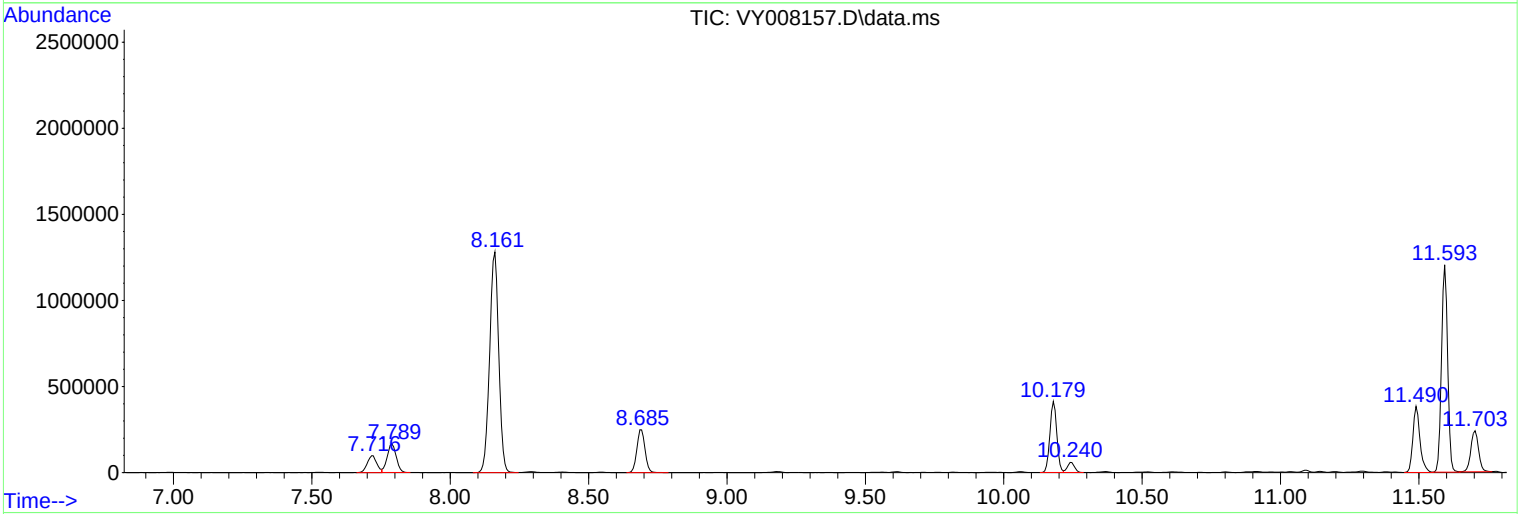
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
Data File : VY008157.D
Acq On : 01 Apr 2022 13:43
Operator : SY/MD
Sample : N2061-02
Misc : 5.69g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

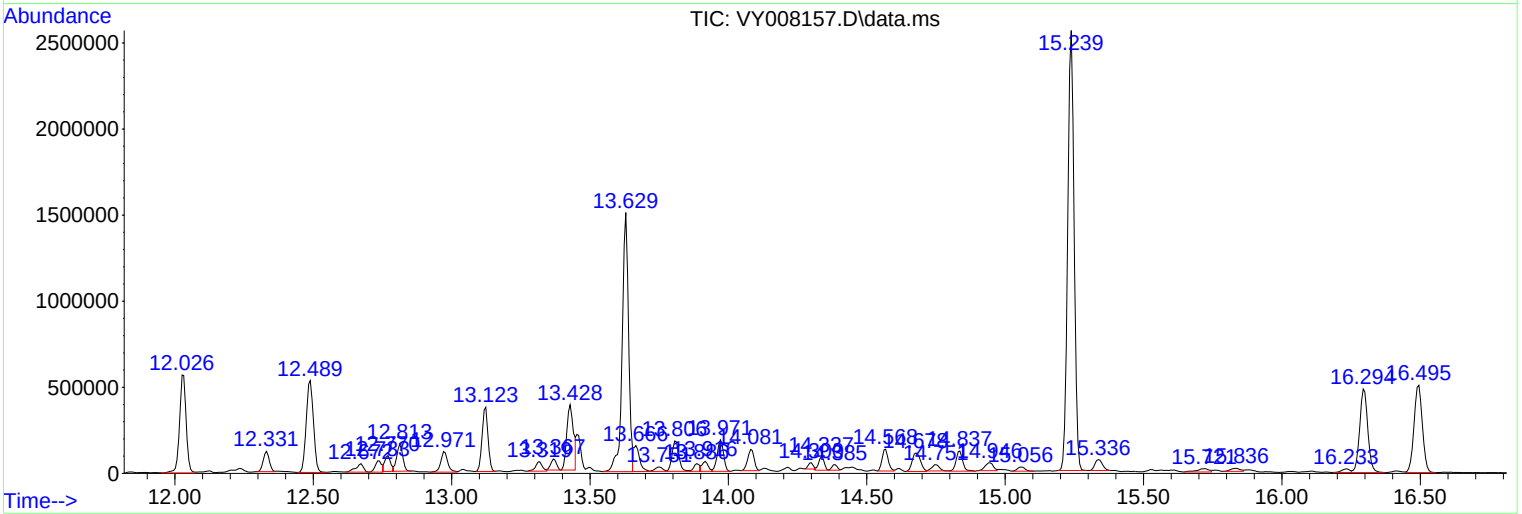
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
Data File : VY008157.D
Acq On : 01 Apr 2022 13:43
Operator : SY/MD
Sample : N2061-02
Misc : 5.69g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

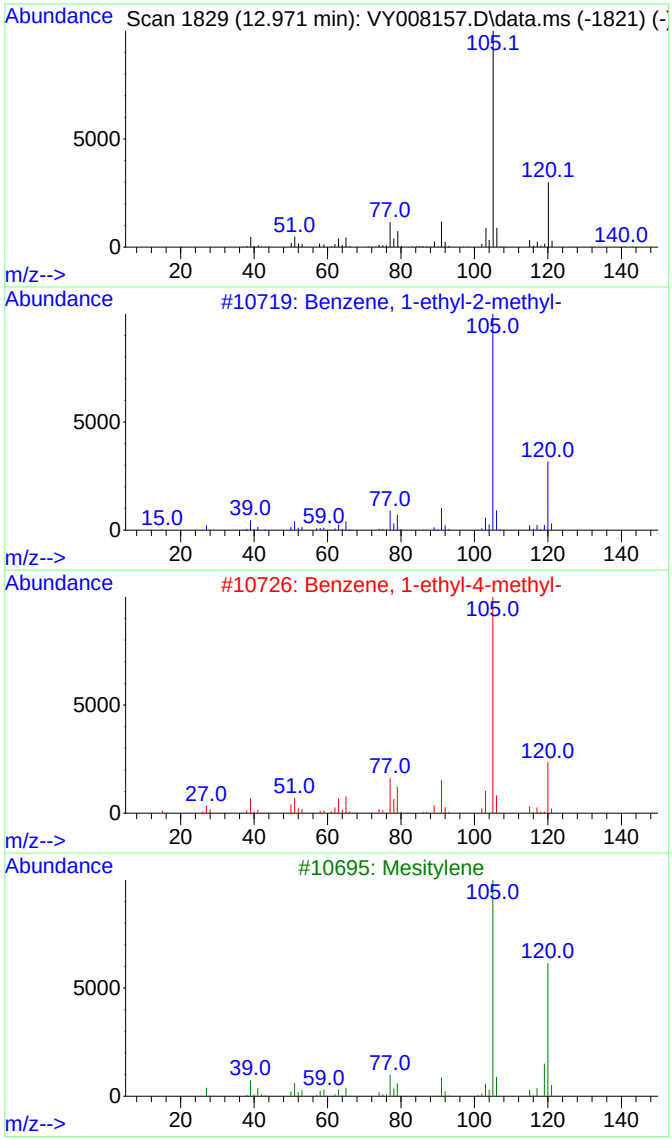
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

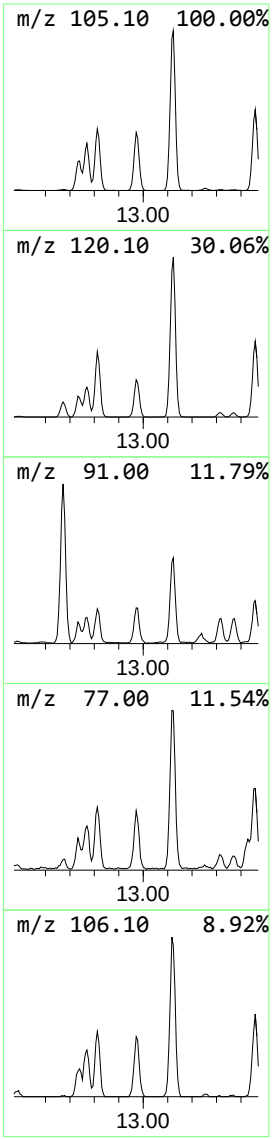
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	15.81 ug/l	204506	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
Data File : VY008157.D
Acq On : 01 Apr 2022 13:43
Operator : SY/MD
Sample : N2061-02
Misc : 5.69g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

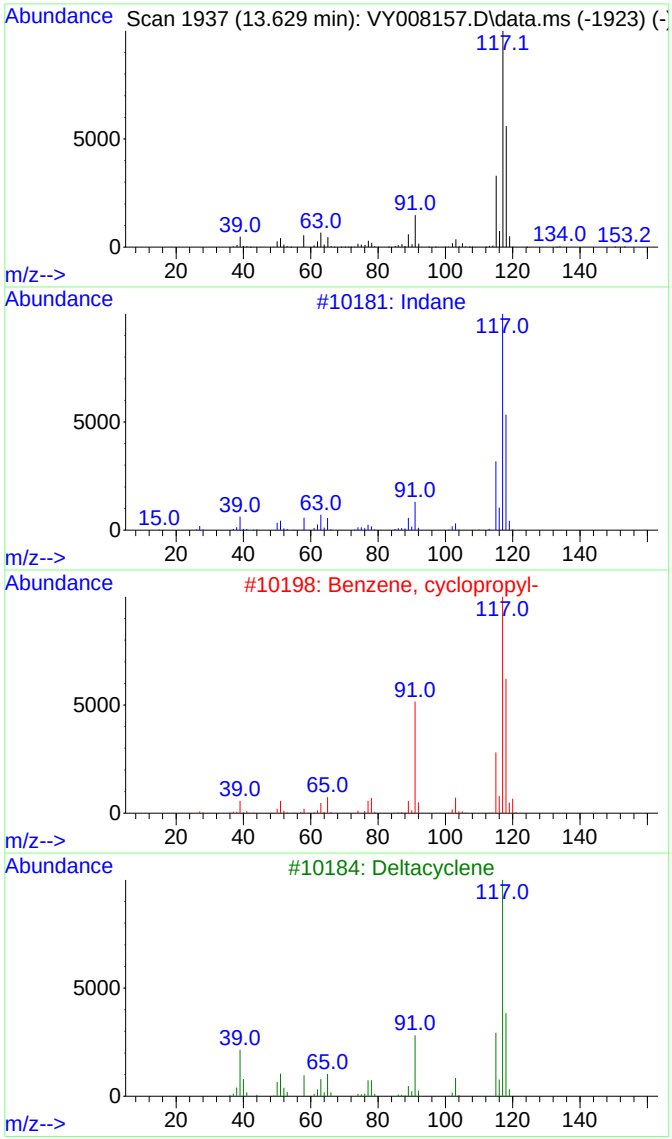
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

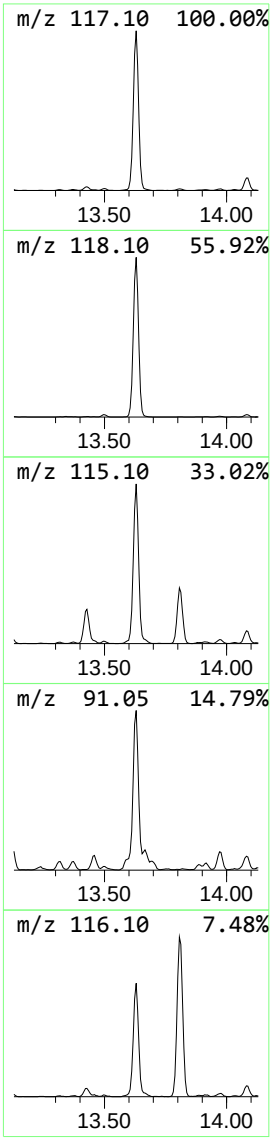
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.630	188.14 ug/l	2433230	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
3	Deltacyclene	118	C9H10	007785-10-6	72
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
Data File : VY008157.D
Acq On : 01 Apr 2022 13:43
Operator : SY/MD
Sample : N2061-02
Misc : 5.69g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

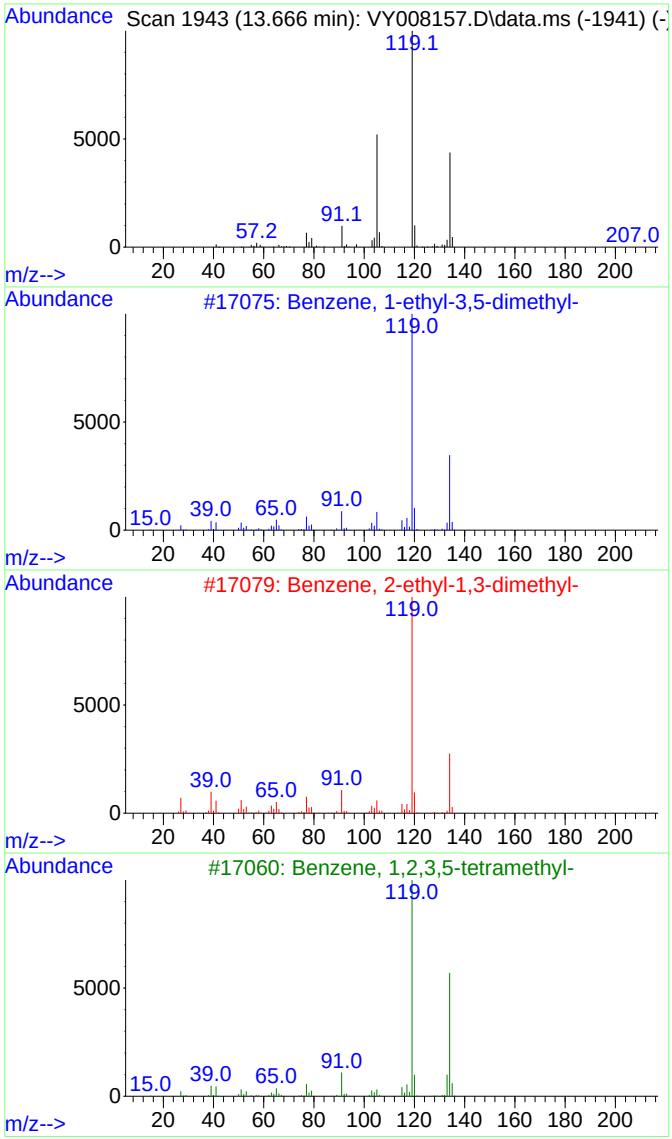
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

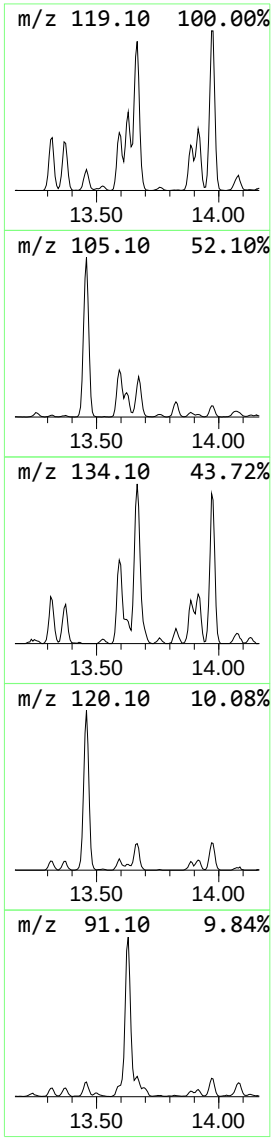
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.666	16.71 ug/l	216126	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	86
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	86
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	80
4	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	80
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
Data File : VY008157.D
Acq On : 01 Apr 2022 13:43
Operator : SY/MD
Sample : N2061-02
Misc : 5.69g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

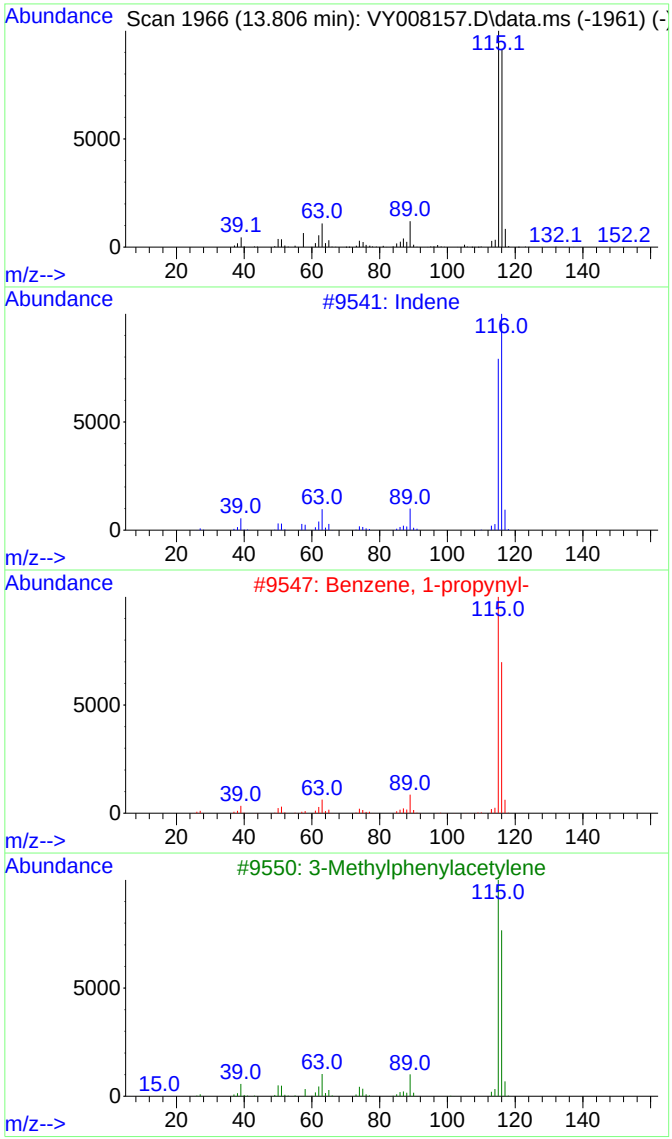
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

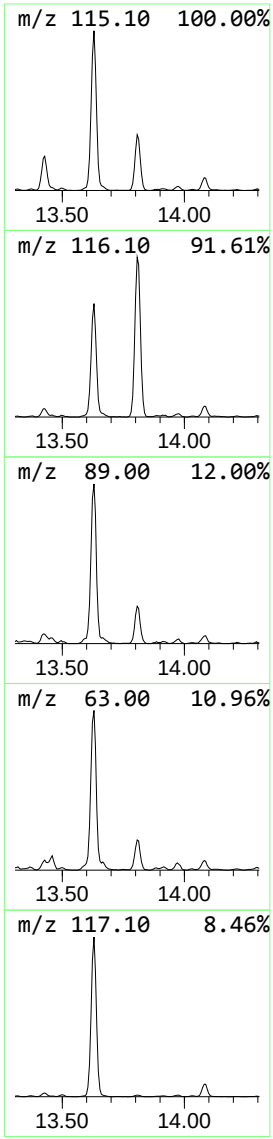
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.806	23.38 ug/l	302351	1,4-Dichlorobenzene-d4	13.428

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
Data File : VY008157.D
Acq On : 01 Apr 2022 13:43
Operator : SY/MD
Sample : N2061-02
Misc : 5.69g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

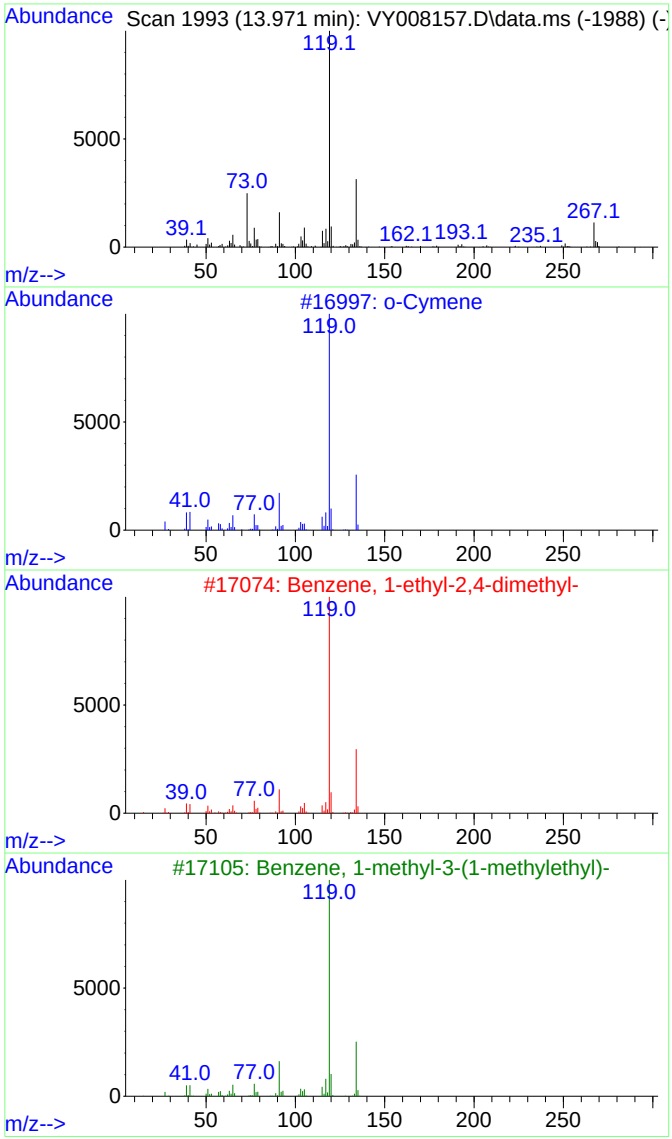
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

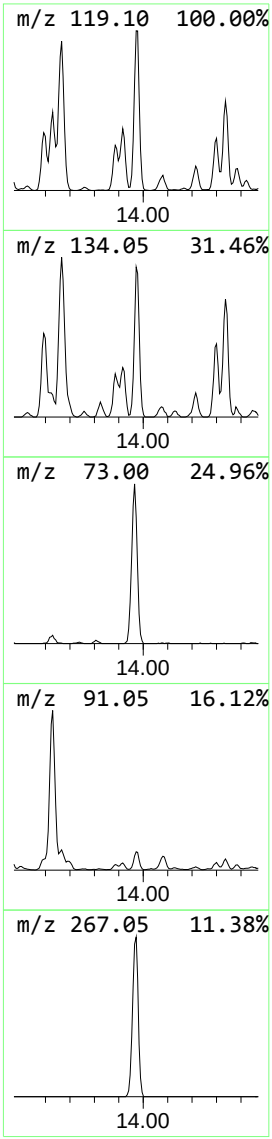
****

Peak Number 5 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	22.16 ug/l	286569	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
Data File : VY008157.D
Acq On : 01 Apr 2022 13:43
Operator : SY/MD
Sample : N2061-02
Misc : 5.69g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

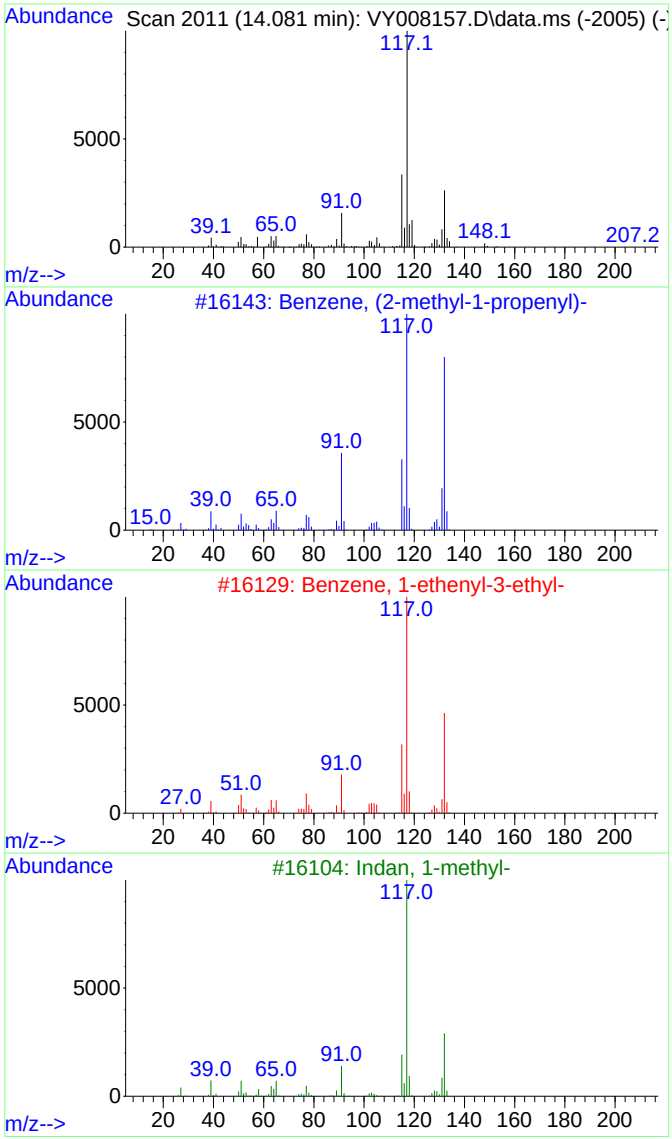
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

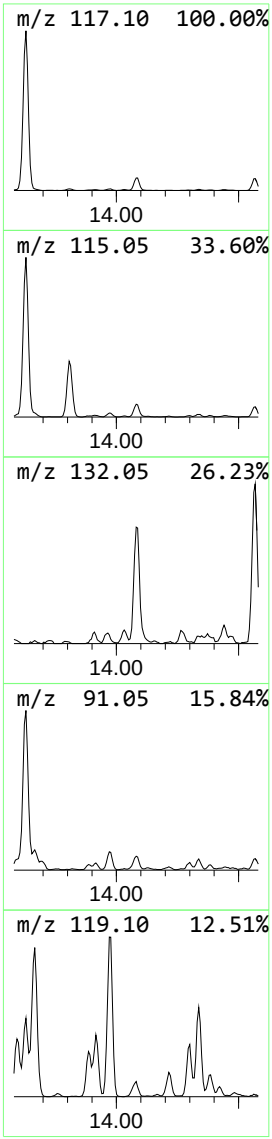
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, (2-methyl-1-propen... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.081	15.59 ug/l	201664	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
Data File : VY008157.D
Acq On : 01 Apr 2022 13:43
Operator : SY/MD
Sample : N2061-02
Misc : 5.69g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

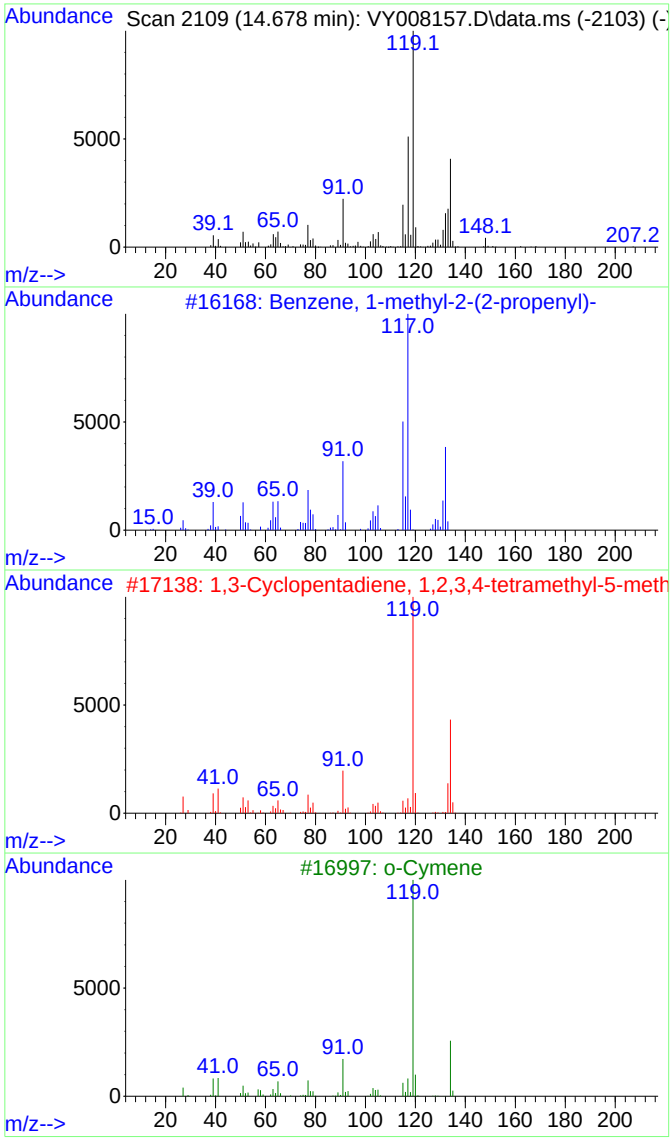
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

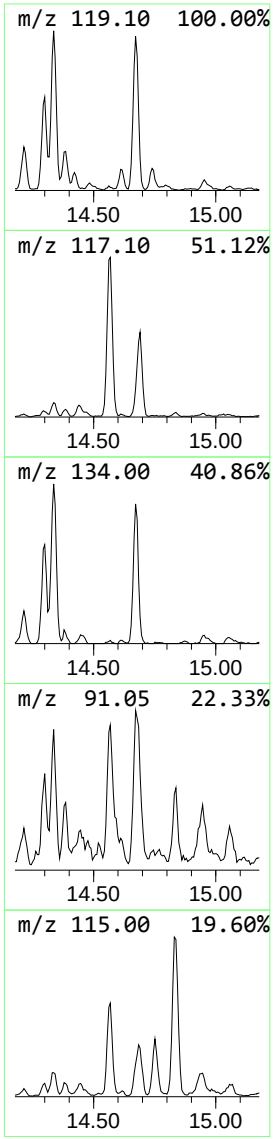
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-methyl-2-(2-prop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	17.32 ug/l	224021	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	64
3	o-Cymene	134	C10H14	000527-84-4	60
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	58
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
Data File : VY008157.D
Acq On : 01 Apr 2022 13:43
Operator : SY/MD
Sample : N2061-02
Misc : 5.69g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

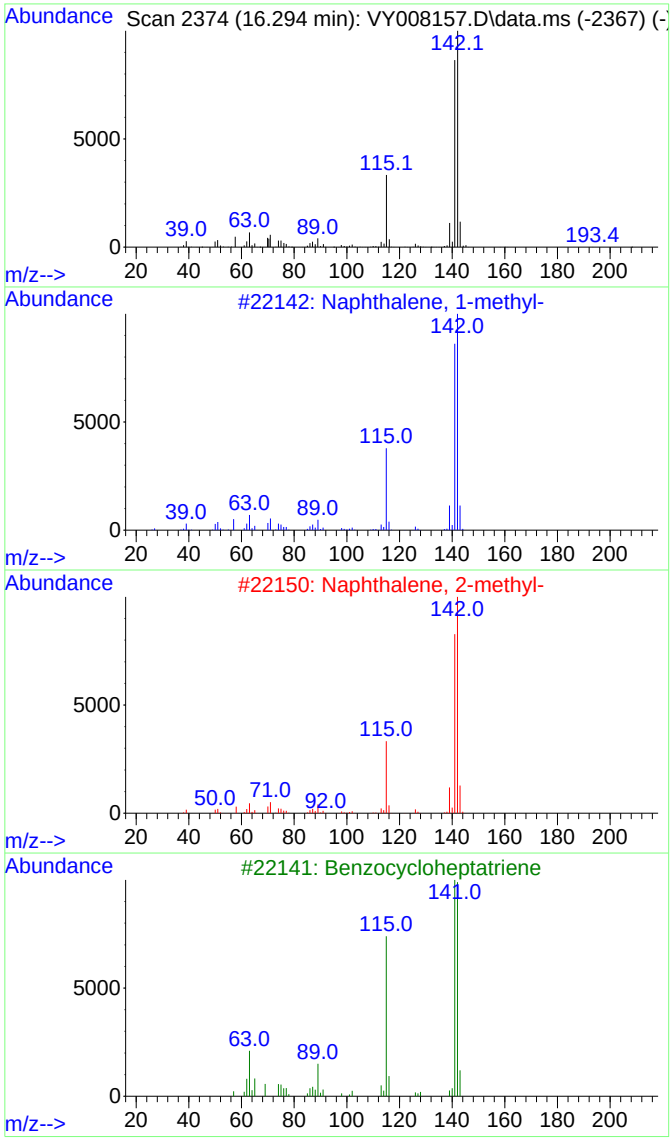
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

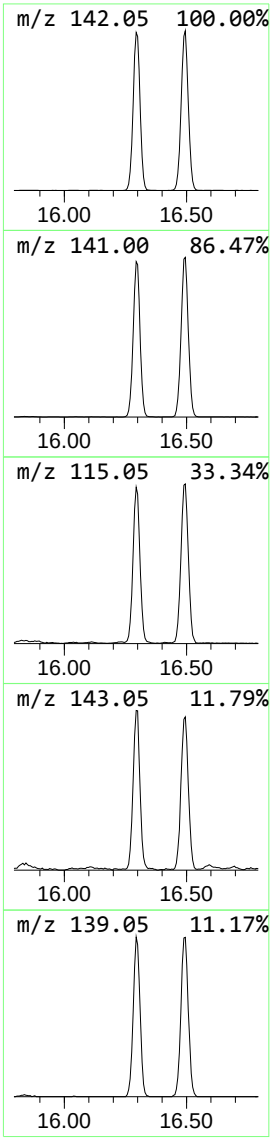
****

Peak Number 9 Benzocycloheptatriene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.294	76.25 ug/l	986136	1,4-Dichlorobenzene-d4	13.428

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	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
Data File : VY008157.D
Acq On : 01 Apr 2022 13:43
Operator : SY/MD
Sample : N2061-02
Misc : 5.69g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

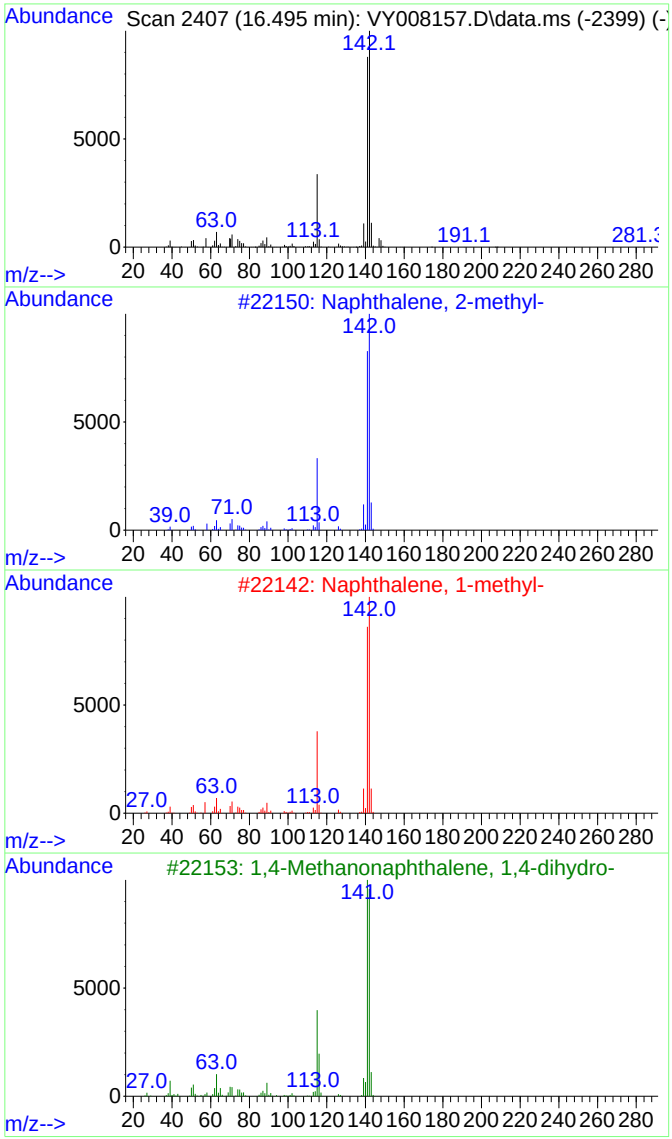
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

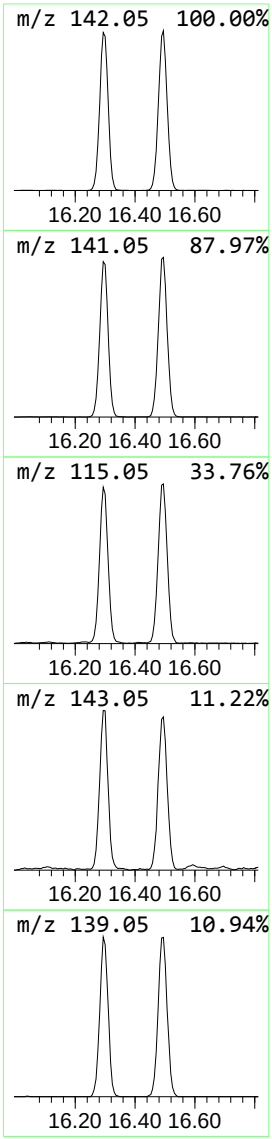
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,4-Methanonaphthalene, 1,4... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.495	82.20 ug/l	1063140	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
Data File : VY008157.D
Acq On : 01 Apr 2022 13:43
Operator : SY/MD
Sample : N2061-02
Misc : 5.69g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.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
Benzene, 1-ethy...	12.971	15.8	ug/l	204506	4	13.428	646643	50.0
Indane	13.630	188.1	ug/l	2433230	4	13.428	646643	50.0
Benzene, 1-ethy...	13.666	16.7	ug/l	216126	4	13.428	646643	50.0
Indene	13.806	23.4	ug/l	302351	4	13.428	646643	50.0
o-Cymene	13.971	22.2	ug/l	286569	4	13.428	646643	50.0
Benzene, (2-met...	14.081	15.6	ug/l	201664	4	13.428	646643	50.0
Benzene, 1-meth...	14.678	17.3	ug/l	224021	4	13.428	646643	50.0
Benzocyclohepta...	16.294	76.3	ug/l	986136	4	13.428	646643	50.0
1,4-Methanonaph...	16.495	82.2	ug/l	1063140	4	13.428	646643	50.0