LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
Data File : VY009519.D
Acq On : 11 Jul 2022 18:34
Operator : KP/MD
Sample : N3648-04
Misc : 4.65g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CMR-TP2-0708

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\82Y070722S.M
Title : SW846 8260

Signal : TIC: VY009519.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.900	9	13	21	rVB	10874	15125	1.06%	0.184%
2	3.942	338	348	359	rBV	6465	19292	1.35%	0.235%
3	4.704	461	473	486	rBV	20041	61881	4.33%	0.755%
4	6.972	833	845	859	rBV	26701	82746	5.79%	1.009%
5	7.710	956	966	971	rBV2	74841	175866	12.30%	2.145%
6	7.783	971	978	991	rVB	163545	373347	26.11%	4.554%
7	8.130	1023	1035	1044	rBV2	73737	215325	15.06%	2.626%
8	8.685	1117	1126	1139	rVB	250127	495655	34.67%	6.046%
9	10.173	1363	1370	1378	rVB	201792	348114	24.35%	4.246%
10	10.941	1489	1496	1505	rVB	14011	23255	1.63%	0.284%
11	11.484	1578	1585	1596	rBV	342095	553040	38.68%	6.746%
12	12.477	1740	1748	1757	rBV2	225914	374474	26.19%	4.568%
13	12.624	1767	1772	1782	rVB4	7834	20117	1.41%	0.245%
14	12.825	1798	1805	1813	rVB7	7228	18805	1.32%	0.229%
15	13.032	1833	1839	1841	rVV4	8744	15213	1.06%	0.186%
16	13.062	1841	1844	1850	rVB	28563	43922	3.07%	0.536%
17	13.172	1857	1862	1871	rBV	16003	27327	1.91%	0.333%
18	13.282	1871	1880	1885	rBV2	48546	92369	6.46%	1.127%
19	13.422	1895	1903	1908	rBV	311904	483401	33.81%	5.896%
20	13.477	1908	1912	1918	rVB2	31350	66423	4.65%	0.810%
21	13.587	1926	1930	1933	rBV2	12897	18907	1.32%	0.231%
22	13.629	1933	1937	1941	rVV5	14830	30091	2.10%	0.367%
23	13.965	1987	1992	1998	rBV	46173	75963	5.31%	0.927%
24	14.075	2005	2010	2016	rBV	45522	75094	5.25%	0.916%
25	14.294	2037	2046	2049	rVV2	29398	59137	4.14%	0.721%
26	14.331	2049	2052	2056	rVB2	17848	24245	1.70%	0.296%
27	14.379	2056	2060	2065	rBV4	15772	26950	1.89%	0.329%
28	14.440	2065	2070	2074	rBV5	9601	18823	1.32%	0.230%
29	14.562	2084	2090	2095	rBV	149707	222651	15.57%	2.716%
30	14.611	2095	2098	2103	rVB3	13262	16790	1.17%	0.205%
31	14.684	2103	2110	2115	rBV2	240283	429656	30.05%	5.241%
32	14.739	2115	2119	2125	rVB5	20005	38818	2.72%	0.473%
33	14.830	2129	2134	2143	rVB3	46893	80455	5.63%	0.981%
34	14.940	2143	2152	2156	rBV3	53630	112900	7.90%	1.377%
35	15.050	2165	2170	2177	rVB3	39300	74668	5.22%	0.911%
36	15.233	2190	2200	2206	rBV	74939	137427	9.61%	1.676%

LSC Area Percent Report

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Sample : N3648-04
Misc : 4.65g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CMR-TP2-0708

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\82Y070722S.M
Title : SW846 8260

37	15.343	2214	2218	2223	rVV5	22982	41828	2.93%	0.510%
38	15.391	2223	2226	2231	rVB3	17266	26495	1.85%	0.323%
39	15.525	2242	2248	2256	rBV3	27489	69597	4.87%	0.849%
40	15.708	2269	2278	2285	rBV5	40874	126956	8.88%	1.549%
41	15.830	2290	2298	2302	rBV4	32504	84347	5.90%	1.029%
42	16.025	2324	2330	2335	rBV6	15488	33982	2.38%	0.414%
43	16.099	2338	2342	2347	rVV7	11372	26547	1.86%	0.324%
44	16.147	2348	2350	2356	rVV6	9314	15454	1.08%	0.188%
45	16.227	2356	2363	2366	rVV2	19664	41047	2.87%	0.501%
46	16.288	2366	2373	2386	rVV	729036	1429640	100.00%	17.438%
47	16.409	2388	2393	2397	rVV3	10469	21624	1.51%	0.264%
48	16.489	2397	2406	2417	rVV	630054	1332689	93.22%	16.255%

Sum of corrected areas: 8198478

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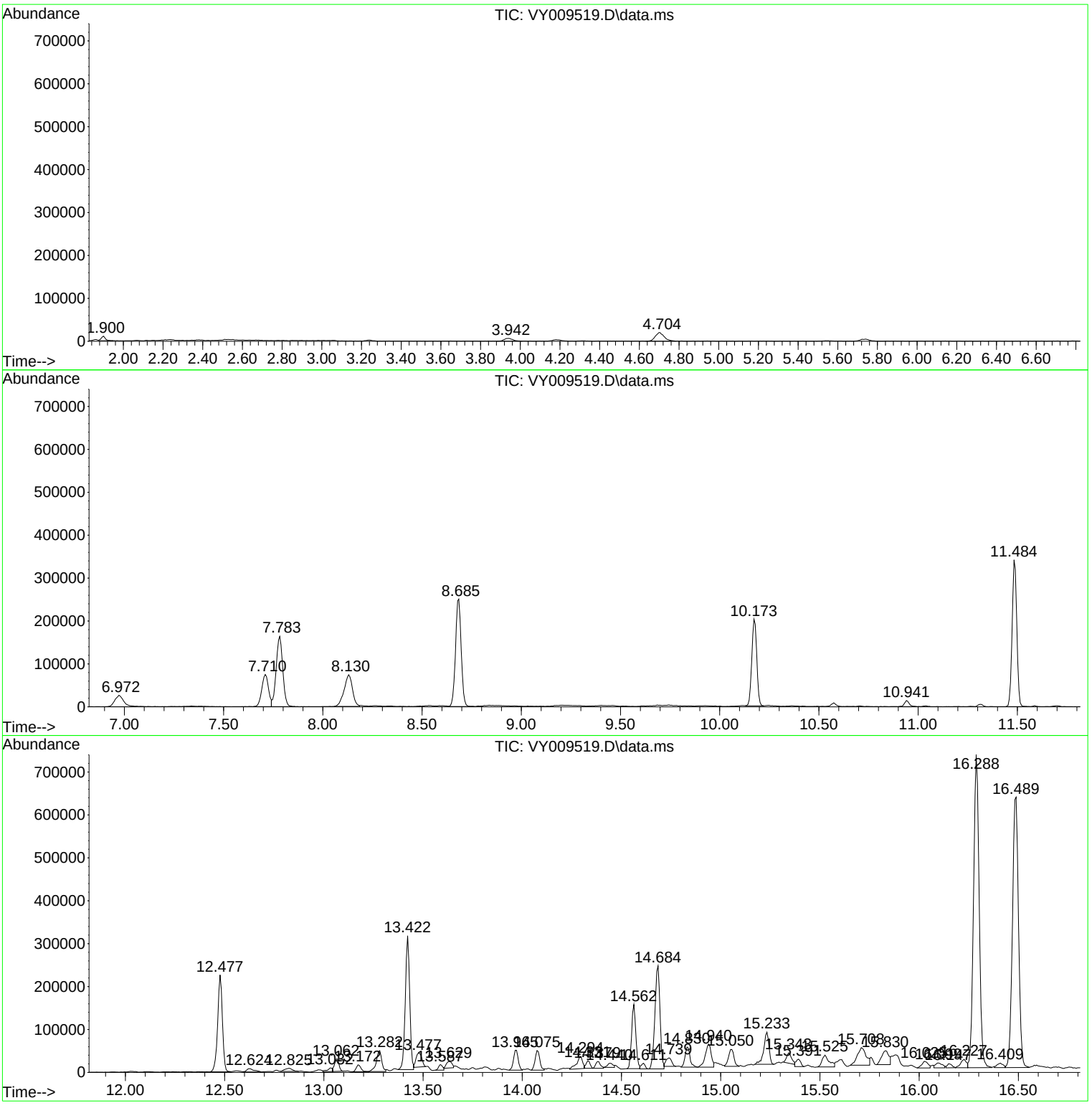
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CMR-TP2-0708

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
Data File : VY009519.D
Acq On : 11 Jul 2022 18:34
Operator : KP/MD
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CMR-TP2-0708

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
Quant Title : SW846 8260

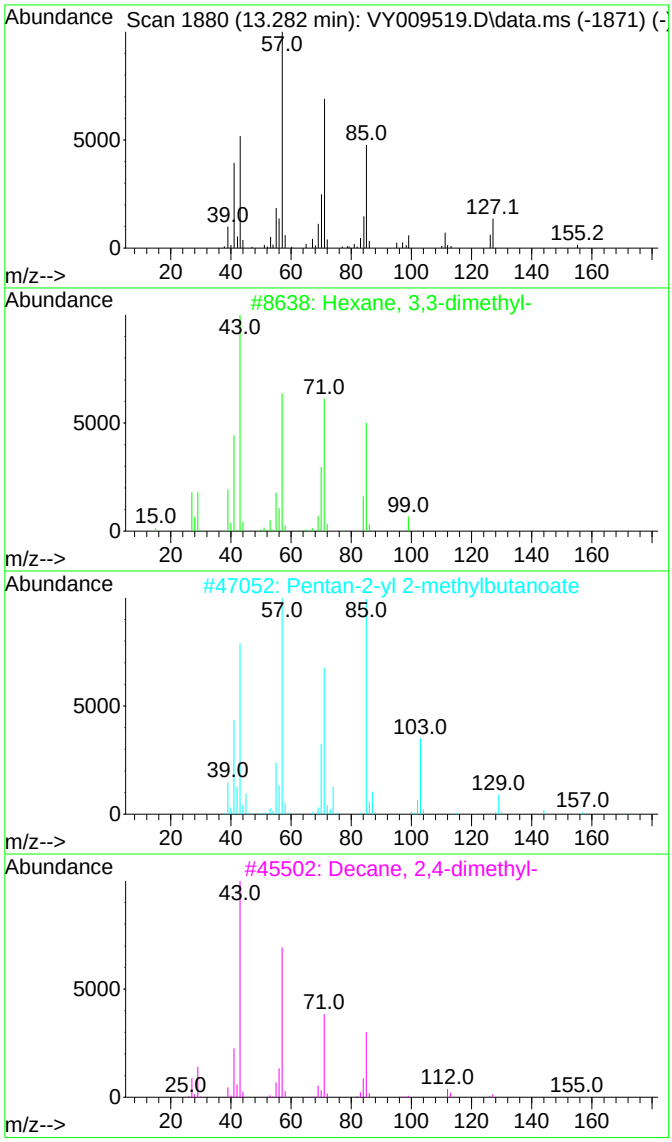
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

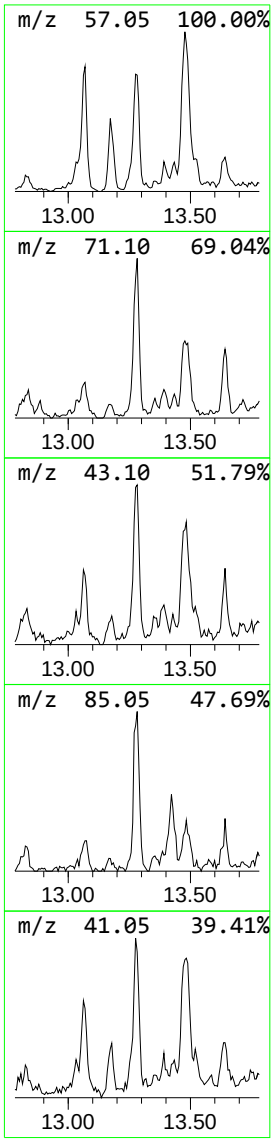
****

Peak Number 1 Hexane, 3,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.282	9.55 ug/l	92369	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
2	Pentan-2-yl 2-methylbutanoate	172	C10H20O2	1000372-71-7	59
3	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	58
4	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	52
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
Data File : VY009519.D
Acq On : 11 Jul 2022 18:34
Operator : KP/MD
Sample : N3648-04
Misc : 4.65g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CMR-TP2-0708

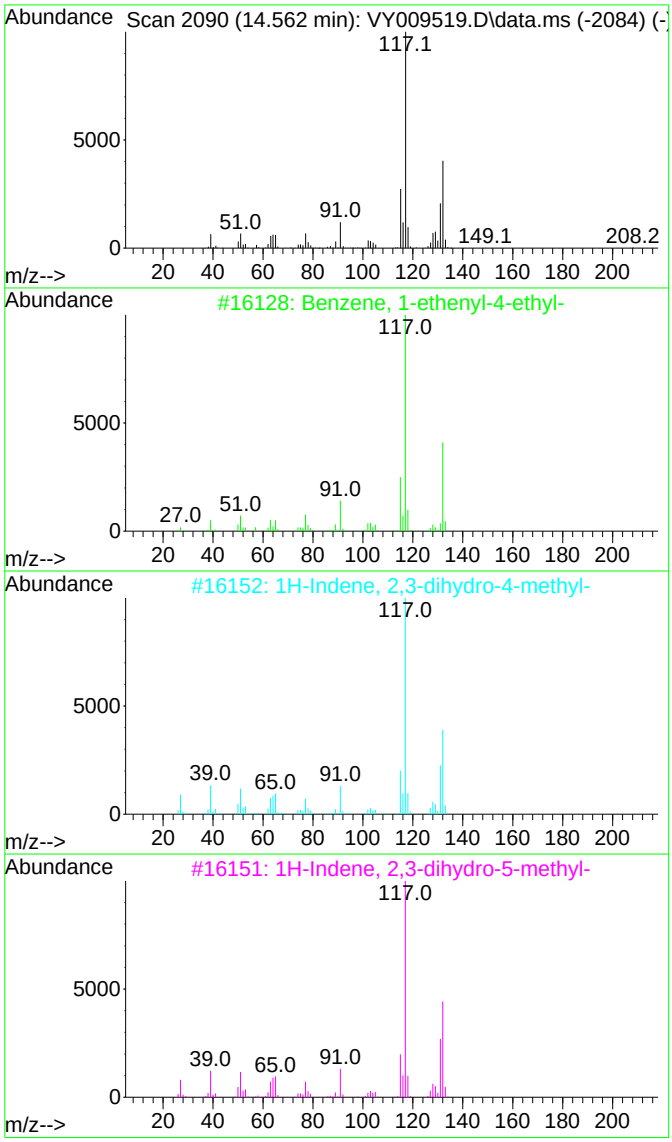
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
Quant Title : SW846 8260

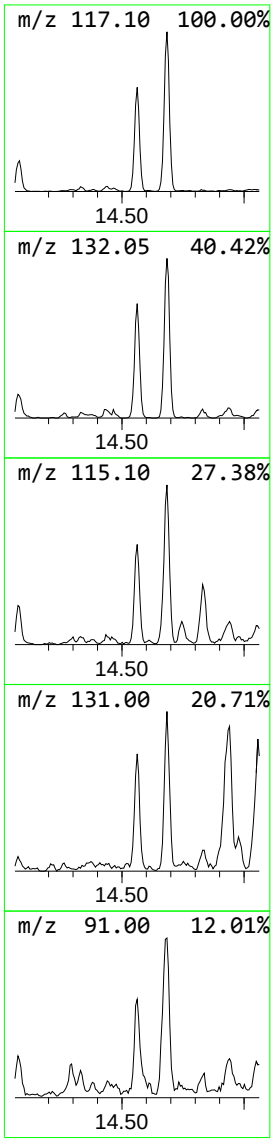
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.562	23.03 ug/l	222651	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
Data File : VY009519.D
Acq On : 11 Jul 2022 18:34
Operator : KP/MD
Sample : N3648-04
Misc : 4.65g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CMR-TP2-0708

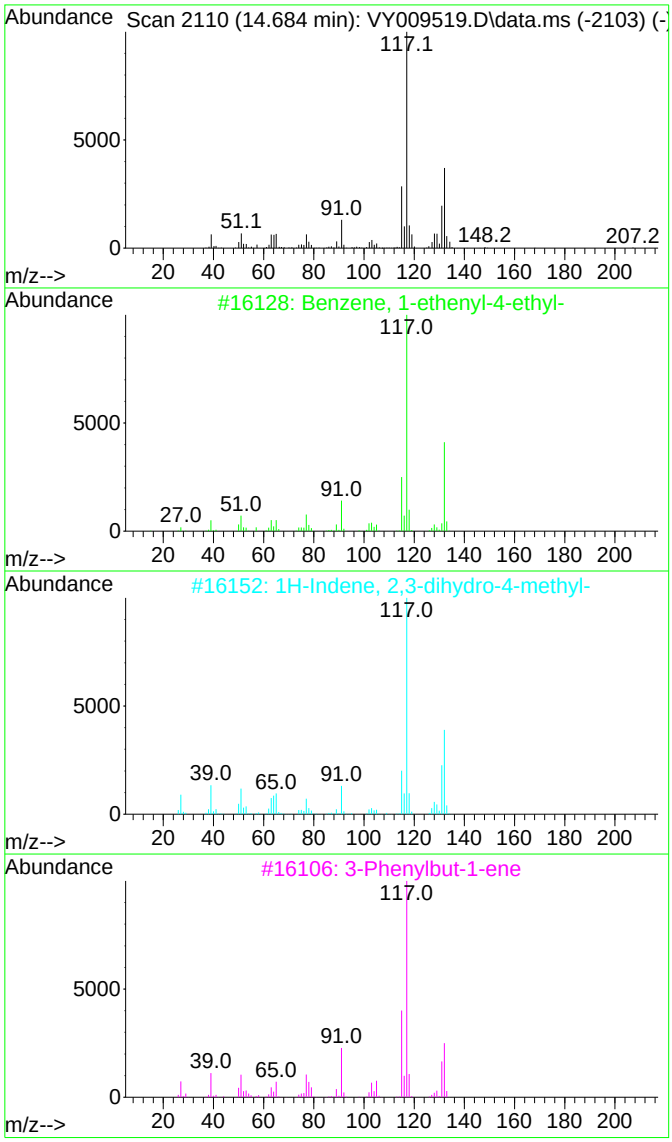
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
Quant Title : SW846 8260

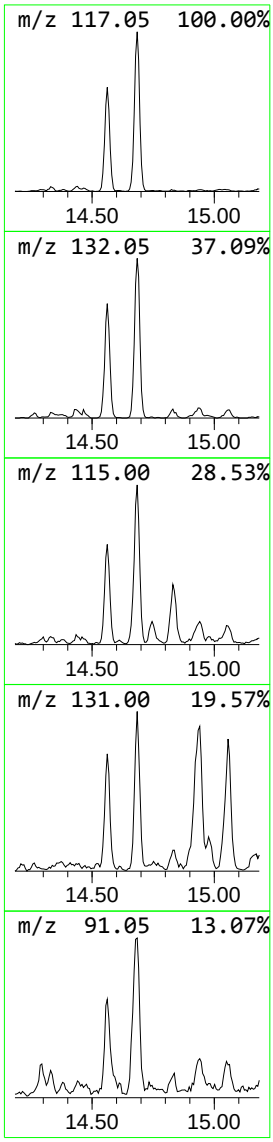
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	44.44 ug/l	429656	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	90
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
Data File : VY009519.D
Acq On : 11 Jul 2022 18:34
Operator : KP/MD
Sample : N3648-04
Misc : 4.65g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CMR-TP2-0708

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
Quant Title : SW846 8260

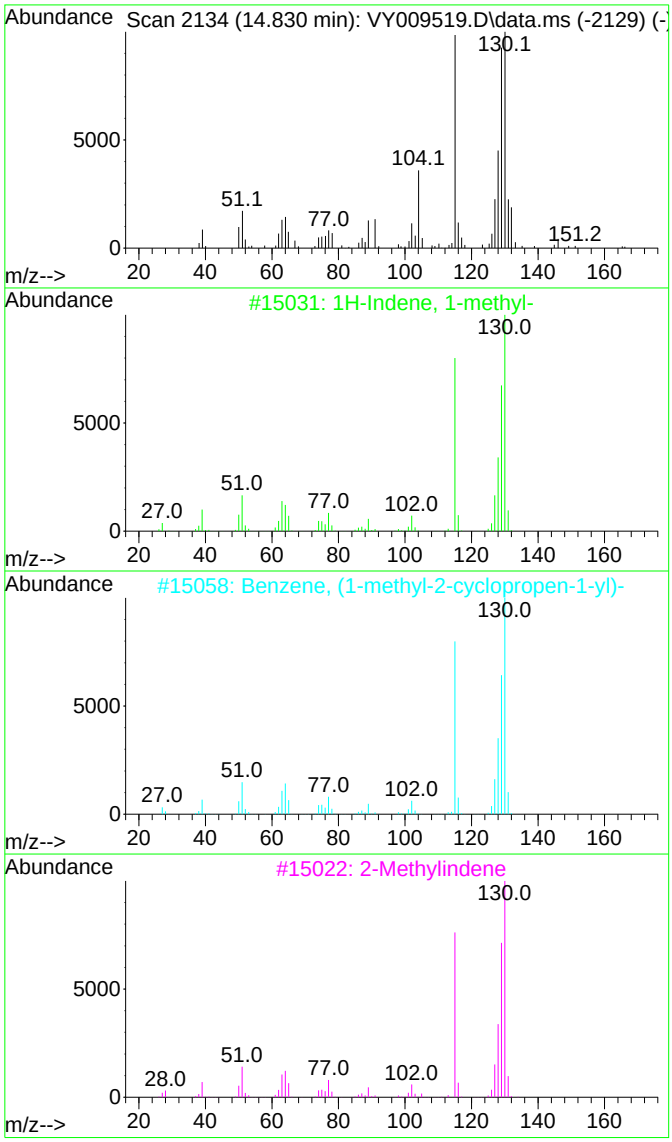
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

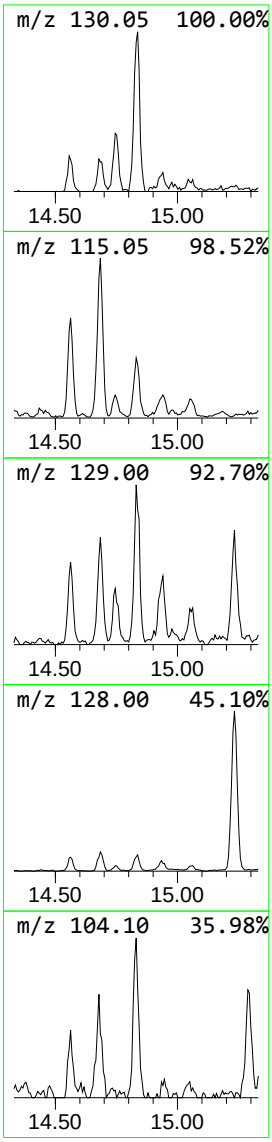
****

Peak Number 4 1H-Indene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.831	8.32 ug/l	80455	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
3	2-Methylindene	130	C10H10	002177-47-1	93
4	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	89
5	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
Data File : VY009519.D
Acq On : 11 Jul 2022 18:34
Operator : KP/MD
Sample : N3648-04
Misc : 4.65g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CMR-TP2-0708

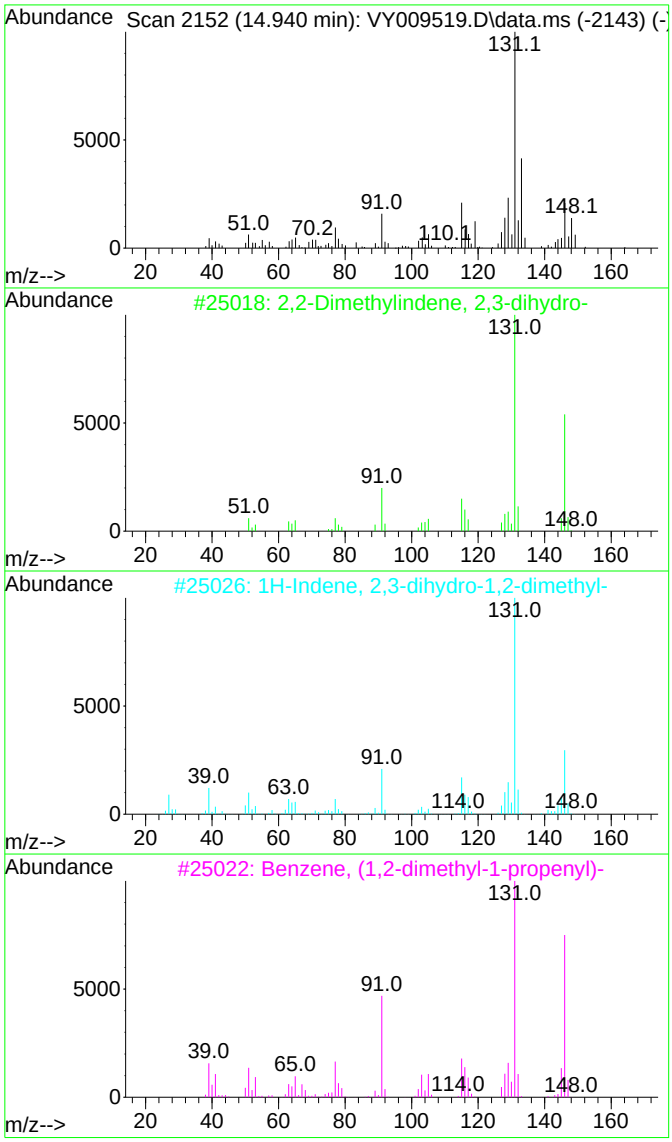
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
Quant Title : SW846 8260

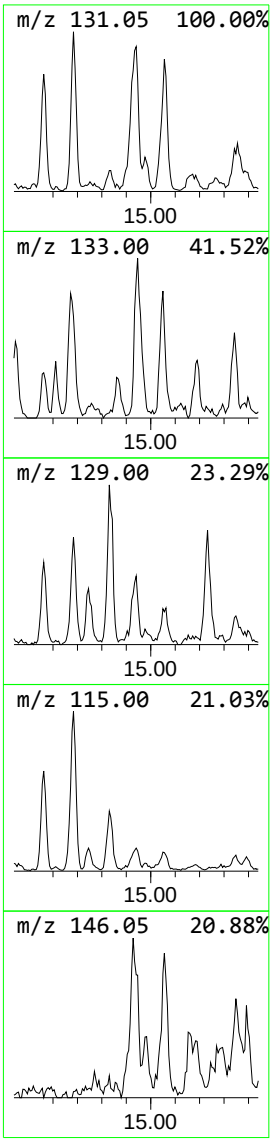
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2,2-Dimethylindene, 2,3-dih... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.940	11.68 ug/l	112900	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	62
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	62
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60





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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CMR-TP2-0708

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
Quant Title : SW846 8260

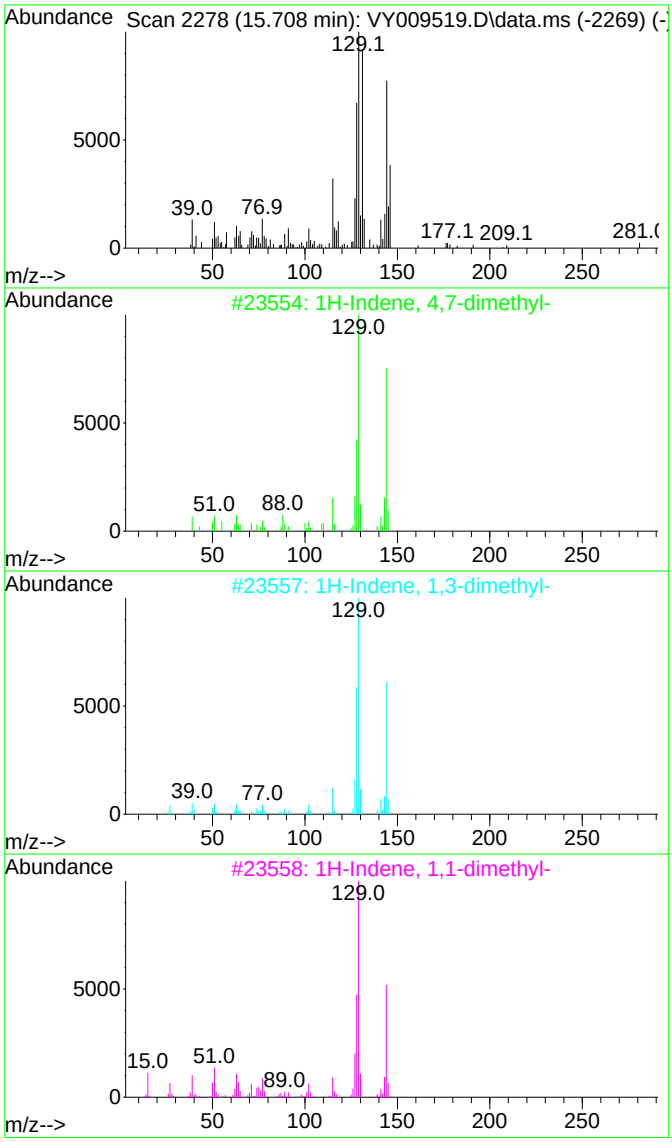
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

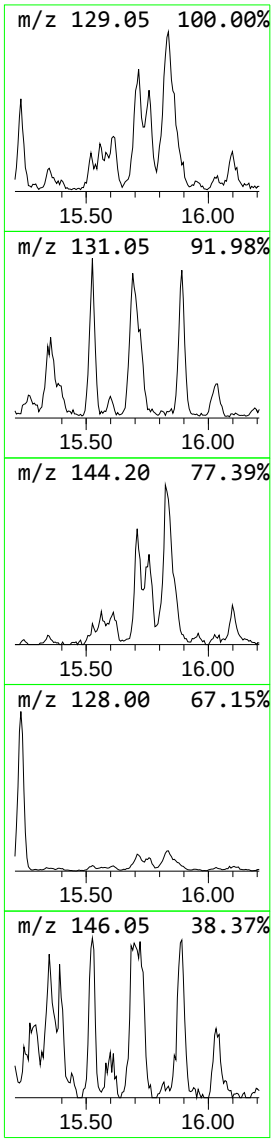
****

Peak Number 7 1H-Indene, 4,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.708	13.13 ug/l	126956	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	58
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	53
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	53
4	Naphthalene, 1,2-dihydro-2-methyl-	144	C11H12	021564-79-4	49
5	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	49





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Data File : VY009519.D
Acq On : 11 Jul 2022 18:34
Operator : KP/MD
Sample : N3648-04
Misc : 4.65g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CMR-TP2-0708

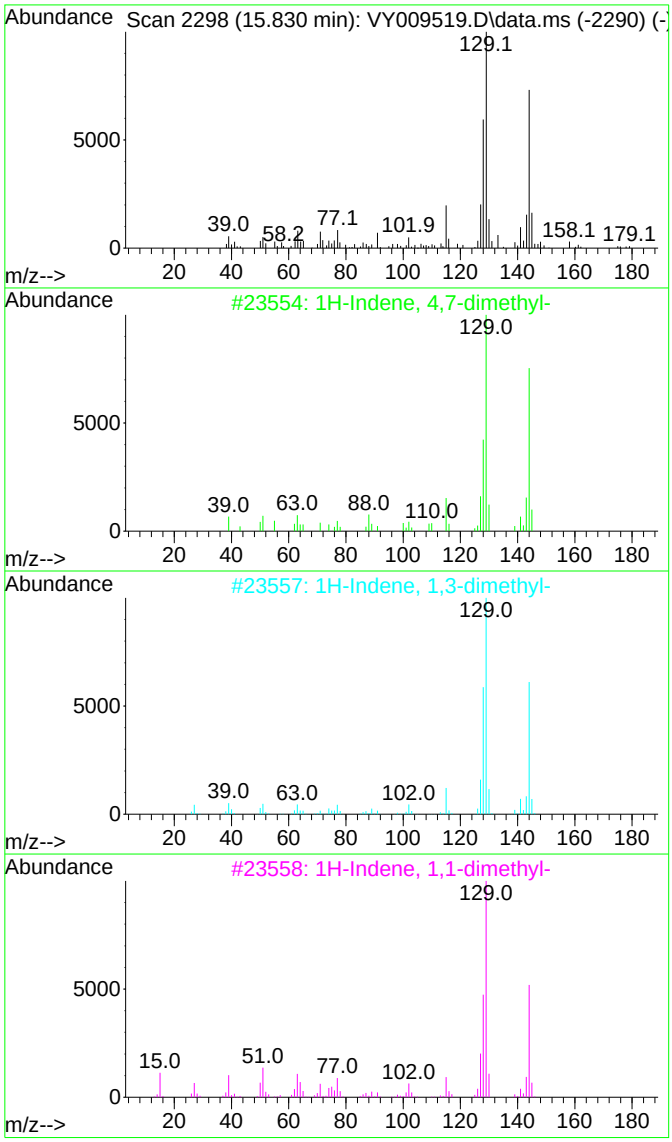
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
Quant Title : SW846 8260

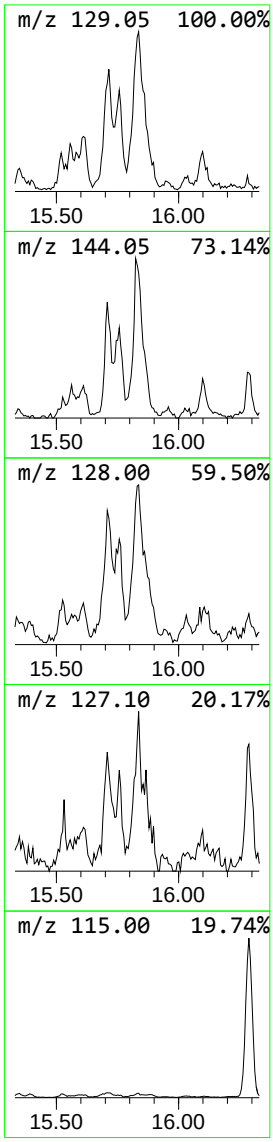
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.830	8.72 ug/l	84347	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	94
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	94
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	93
4	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	90
5	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
Data File : VY009519.D
Acq On : 11 Jul 2022 18:34
Operator : KP/MD
Sample : N3648-04
Misc : 4.65g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CMR-TP2-0708

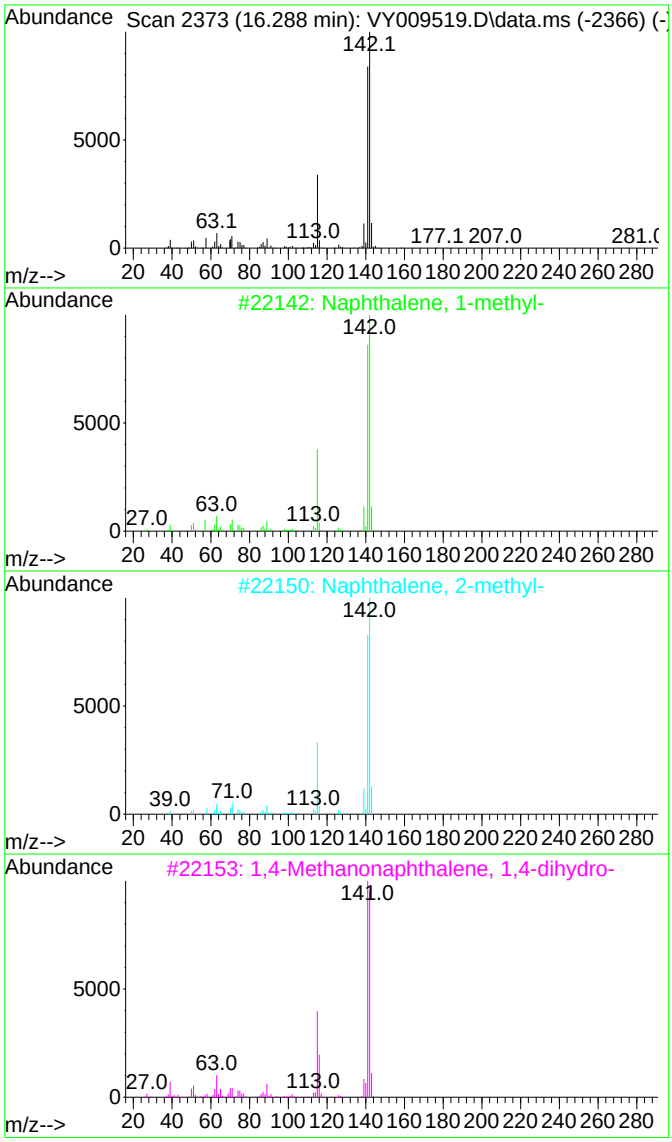
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
Quant Title : SW846 8260

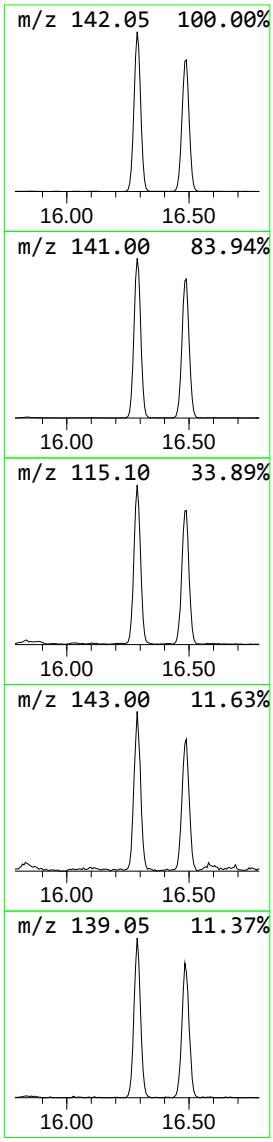
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,4-Methanonaphthalene, 1,4... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.288	147.87 ug/l	1429640	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	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
Data File : VY009519.D
Acq On : 11 Jul 2022 18:34
Operator : KP/MD
Sample : N3648-04
Misc : 4.65g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CMR-TP2-0708

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
Quant Title : SW846 8260

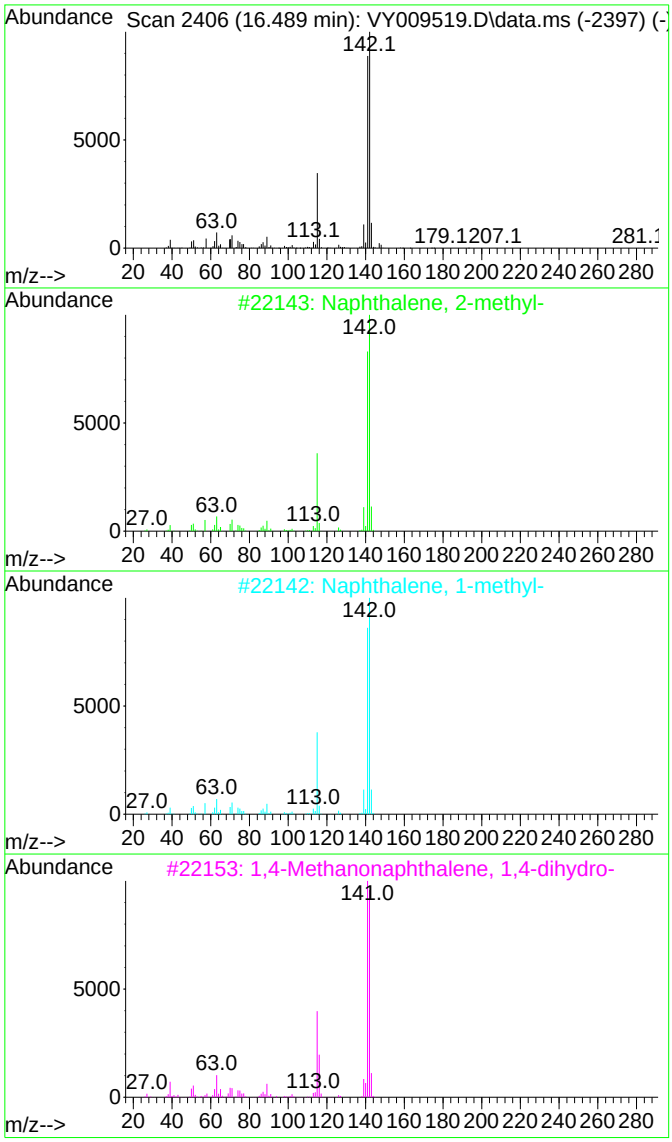
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

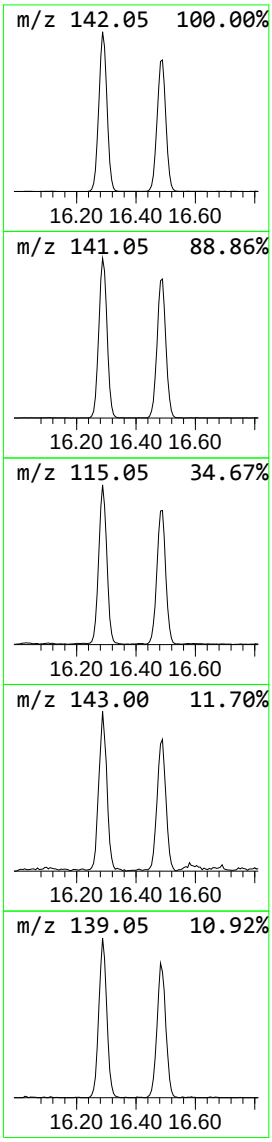
****

Peak Number 10 Benzocycloheptatriene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.489	137.85 ug/l	1332690	1,4-Dichlorobenzene-d4	13.422

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	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	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\VY071122\
Data File : VY009519.D
Acq On : 11 Jul 2022 18:34
Operator : KP/MD
Sample : N3648-04
Misc : 4.65g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CMR-TP2-0708

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.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
Hexane, 3,3-dim...	13.282	9.6	ug/l	92369	4	13.422	483401	50.0
Benzene, 1-ethe...	14.562	23.0	ug/l	222651	4	13.422	483401	50.0
1H-Indene, 2,3-...	14.684	44.4	ug/l	429656	4	13.422	483401	50.0
1H-Indene, 1-me...	14.831	8.3	ug/l	80455	4	13.422	483401	50.0
2,2-Dimethylind...	14.940	11.7	ug/l	112900	4	13.422	483401	50.0
1H-Indene, 4,7-...	15.708	13.1	ug/l	126956	4	13.422	483401	50.0
1H-Indene, 1,3-...	15.830	8.7	ug/l	84347	4	13.422	483401	50.0
1,4-Methanonaph...	16.288	147.9	ug/l	1429640	4	13.422	483401	50.0
Benzocyclohepta...	16.489	137.8	ug/l	1332690	4	13.422	483401	50.0