LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
Data File : VY017981.D
Acq On : 18 Apr 2024 17:14
Operator : SY/MD
Sample : P2124-01
Misc : 7.47g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-131-SB01

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\82Y041624S.M
Title : SW846 8260

Signal : TIC: VY017981.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.722	958	968	974	rBV	251924	614066	4.90%	1.266%
2	7.789	974	979	993	rVB	376379	854520	6.82%	1.762%
3	8.143	1028	1037	1050	rBV	206577	453445	3.62%	0.935%
4	8.691	1118	1127	1139	rBV	615772	1234125	9.85%	2.544%
5	10.185	1364	1372	1381	rBV	986707	1680327	13.42%	3.464%
6	11.496	1579	1587	1599	rBV	946975	1508071	12.04%	3.109%
7	12.343	1717	1726	1735	rBV	3240531	4897515	39.10%	10.097%
8	12.489	1744	1750	1756	rBV	742141	1148696	9.17%	2.368%
9	12.593	1762	1767	1773	rVB	217612	373480	2.98%	0.770%
10	12.898	1811	1817	1824	rBV	184044	299340	2.39%	0.617%
11	13.050	1836	1842	1849	rBV	113722	174313	1.39%	0.359%
12	13.349	1881	1891	1899	rBV2	357049	673235	5.38%	1.388%
13	13.428	1899	1904	1915	rVB	904548	1522525	12.16%	3.139%
14	13.672	1940	1944	1953	rVB2	167576	292549	2.34%	0.603%
15	13.892	1974	1980	1982	rBV	125372	201587	1.61%	0.416%
16	13.922	1982	1985	1989	rVV	142101	203516	1.62%	0.420%
17	13.977	1989	1994	2000	rVB	284528	432293	3.45%	0.891%
18	14.087	2006	2012	2022	rBV2	168653	340464	2.72%	0.702%
19	14.221	2028	2034	2038	rBV	95742	138126	1.10%	0.285%
20	14.300	2038	2047	2050	rBV	247357	394936	3.15%	0.814%
21	14.343	2050	2054	2058	rVV	424339	614238	4.90%	1.266%
22	14.385	2058	2061	2065	rVV	105919	146059	1.17%	0.301%
23	14.568	2087	2091	2096	rBV	204522	330014	2.63%	0.680%
24	14.617	2096	2099	2103	rVB	96874	132466	1.06%	0.273%
25	14.684	2103	2110	2116	rBV3	538215	1151906	9.20%	2.375%
26	14.745	2116	2120	2130	rVB2	92116	171259	1.37%	0.353%
27	14.837	2130	2135	2140	rBV	96813	147669	1.18%	0.304%
28	14.952	2144	2154	2163	rBV3	168624	433470	3.46%	0.894%
29	15.062	2163	2172	2181	rVB3	143368	349996	2.79%	0.722%
30	15.239	2197	2201	2209	rVV	189282	329408	2.63%	0.679%
31	15.349	2212	2219	2224	rVV3	92891	203633	1.63%	0.420%
32	15.532	2242	2249	2255	rBV	207791	364461	2.91%	0.751%
33	15.696	2267	2276	2285	rBV	172432	490306	3.91%	1.011%
34	15.824	2292	2297	2303	rBV3	89049	249228	1.99%	0.514%
35	15.897	2304	2309	2315	rVB3	140385	294852	2.35%	0.608%
36	16.038	2326	2332	2337	rBV3	63244	137770	1.10%	0.284%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
Data File : VY017981.D
Acq On : 18 Apr 2024 17:14
Operator : SY/MD
Sample : P2124-01
Misc : 7.47g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-131-SB01

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\82Y041624S.M
Title : SW846 8260

37	16.135	2343	2348	2355	rVB	98585	212183	1.69%	0.437%
38	16.233	2355	2364	2368	rBV2	257039	734560	5.87%	1.514%
39	16.300	2368	2375	2390	rVV	6368364	12524466	100.00%	25.821%
40	16.428	2390	2396	2399	rVV3	111189	229248	1.83%	0.473%
41	16.495	2399	2407	2419	rVB	5879864	11820154	94.38%	24.369%

Sum of corrected areas: 48504475

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
Data File : VY017981.D
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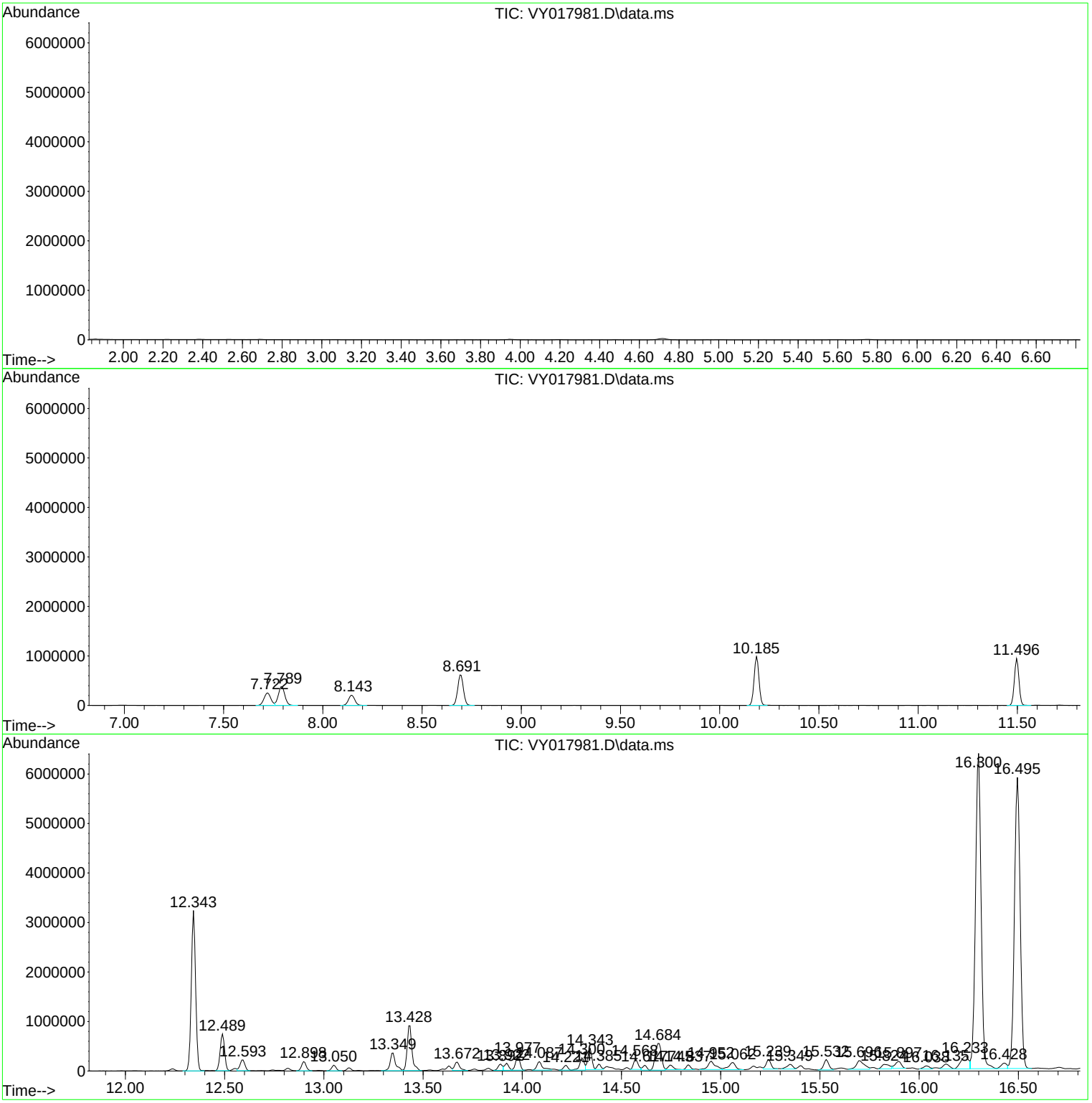
Operator : SY/MD
Sample : P2124-01
Misc : 7.47g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-131-SB01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
Data File : VY017981.D
Acq On : 18 Apr 2024 17:14
Operator : SY/MD
Sample : P2124-01
Misc : 7.47g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-131-SB01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260

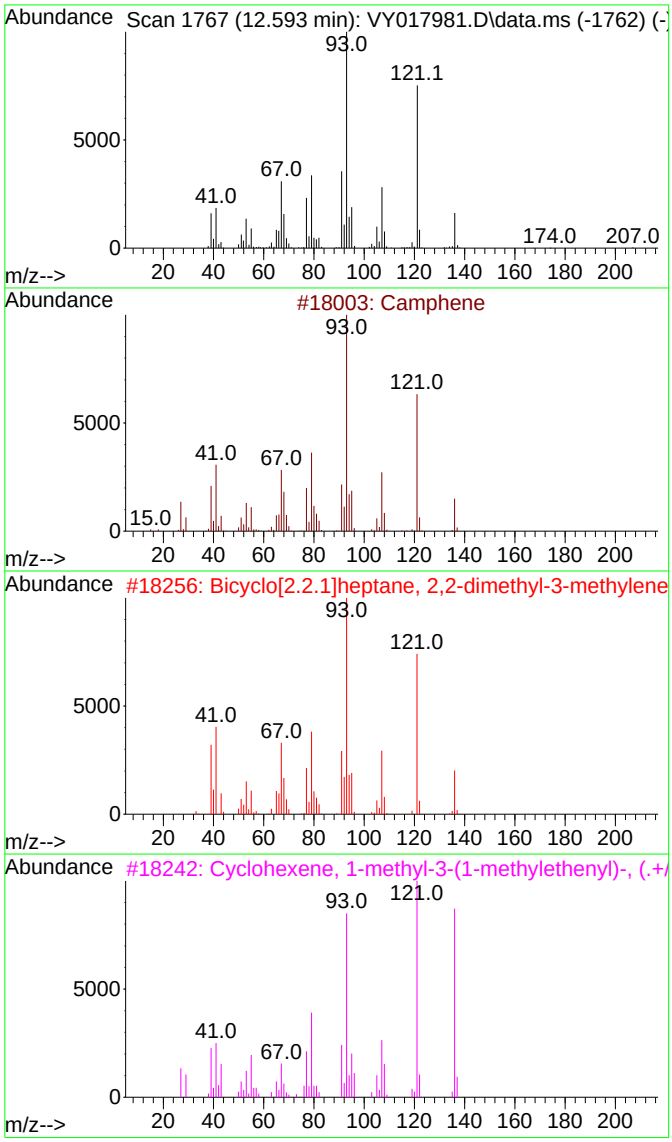
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

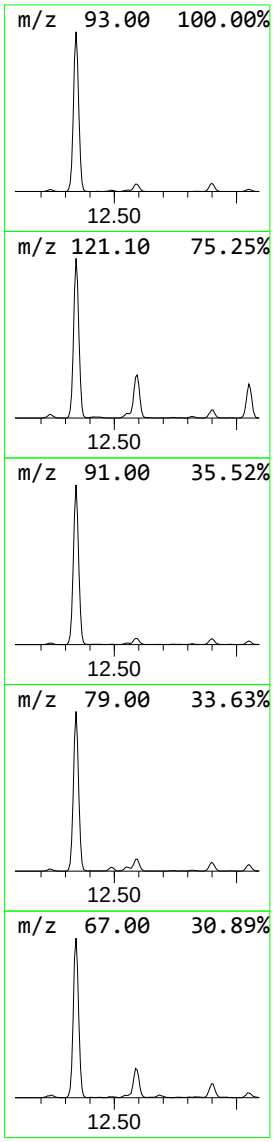
****

Peak Number 1 Camphene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.593	12.27 ug/l	373480	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	95
2	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	94
3	Cyclohexene, 1-methyl-3-(1-methy...	136	C10H16	000499-03-6	93
4	Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	000586-63-0	87
5	2-Carene	136	C10H16	000554-61-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
Data File : VY017981.D
Acq On : 18 Apr 2024 17:14
Operator : SY/MD
Sample : P2124-01
Misc : 7.47g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-131-SB01

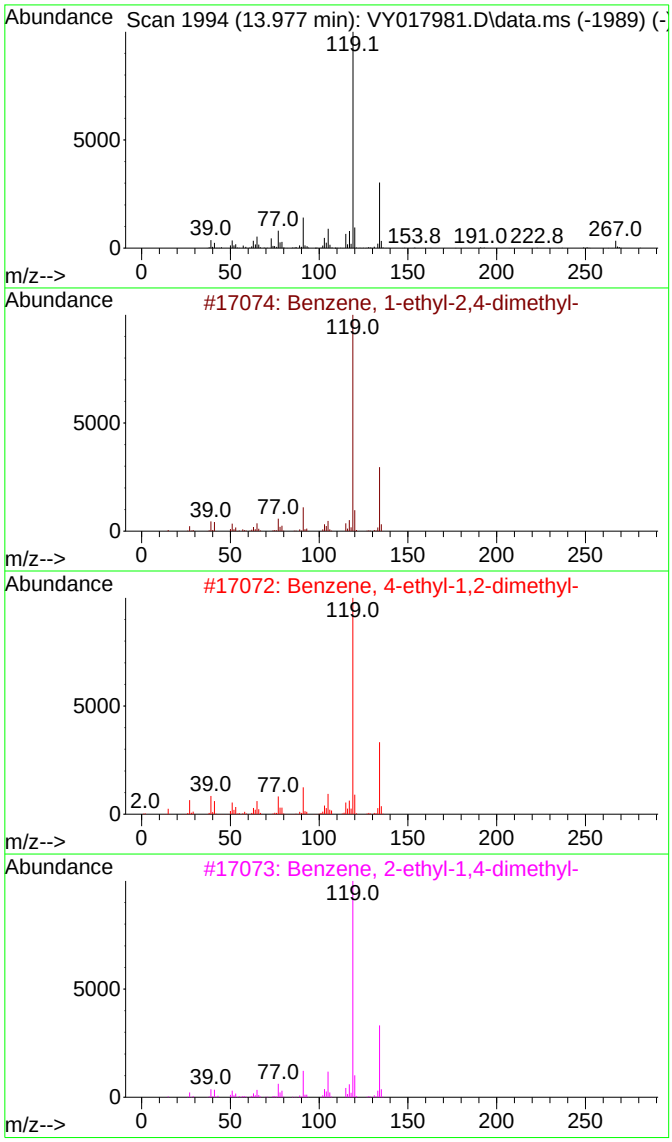
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260

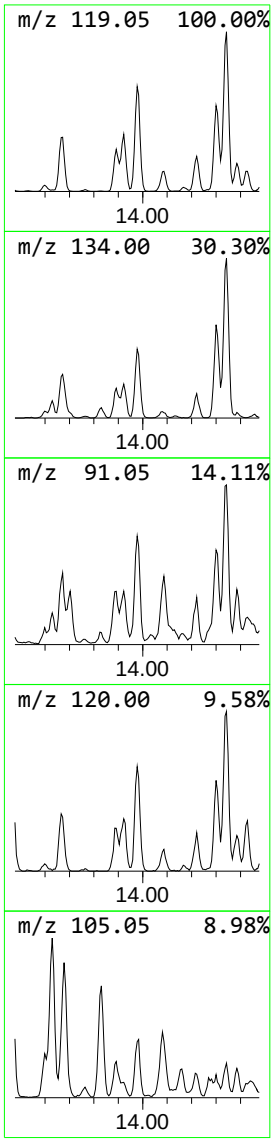
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.977	14.20 ug/l	432293	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
Data File : VY017981.D
Acq On : 18 Apr 2024 17:14
Operator : SY/MD
Sample : P2124-01
Misc : 7.47g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-131-SB01

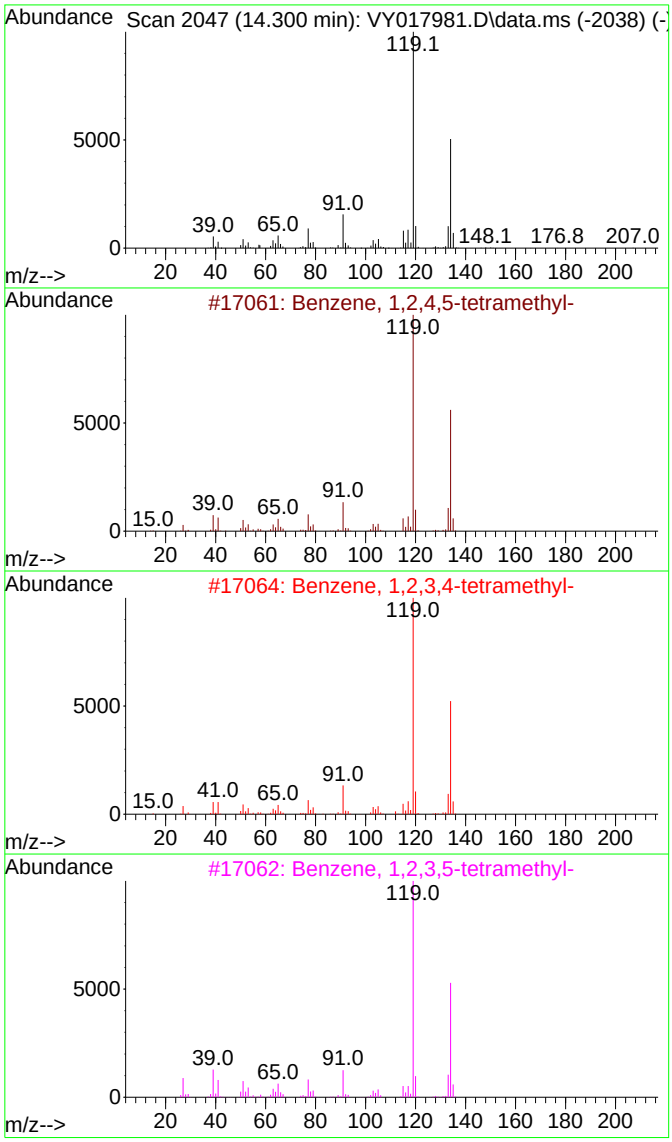
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260

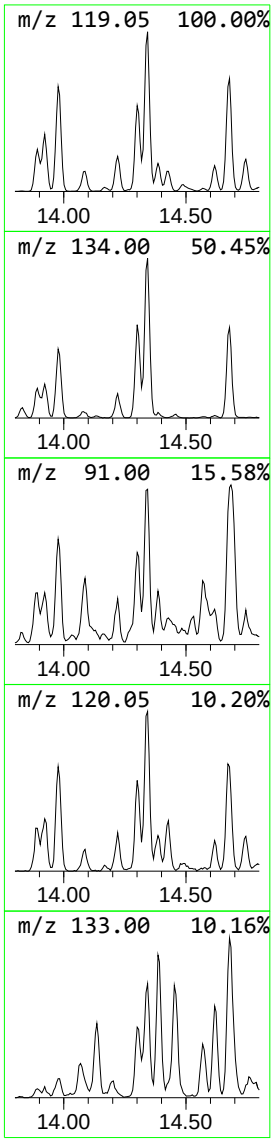
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.300	12.97 ug/l	394936	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	p-Cymene	134	C10H14	000099-87-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
Data File : VY017981.D
Acq On : 18 Apr 2024 17:14
Operator : SY/MD
Sample : P2124-01
Misc : 7.47g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-131-SB01

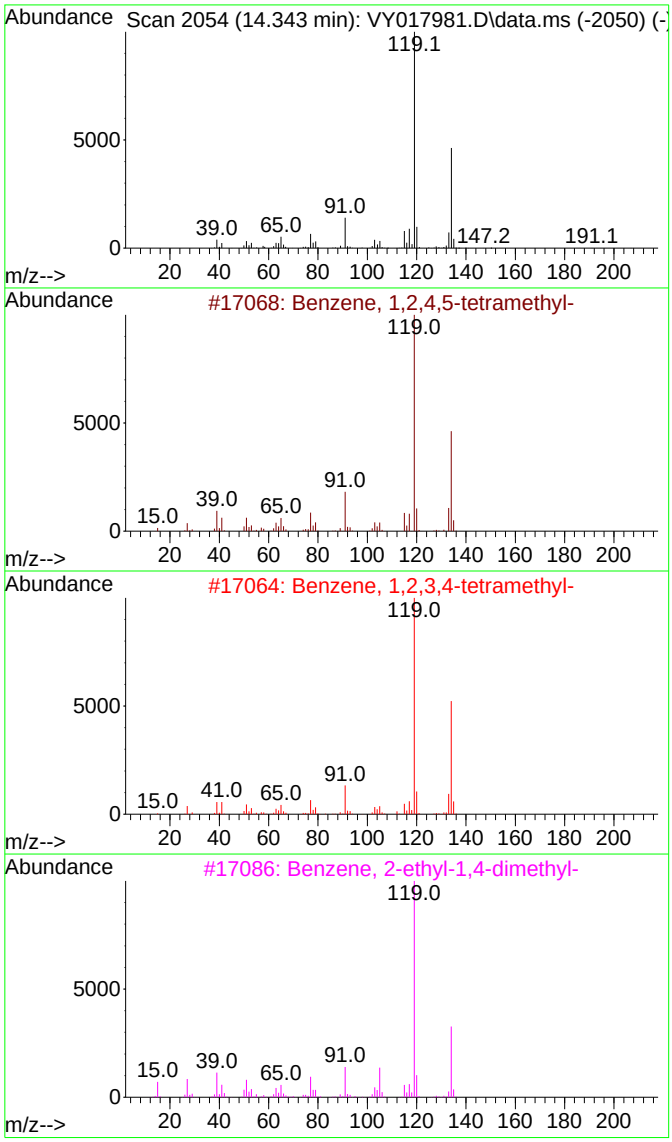
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260

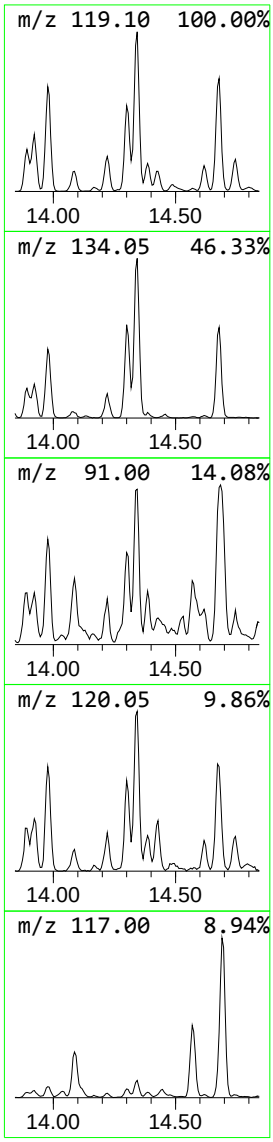
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.343	20.17 ug/l	614238	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
Data File : VY017981.D
Acq On : 18 Apr 2024 17:14
Operator : SY/MD
Sample : P2124-01
Misc : 7.47g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-131-SB01

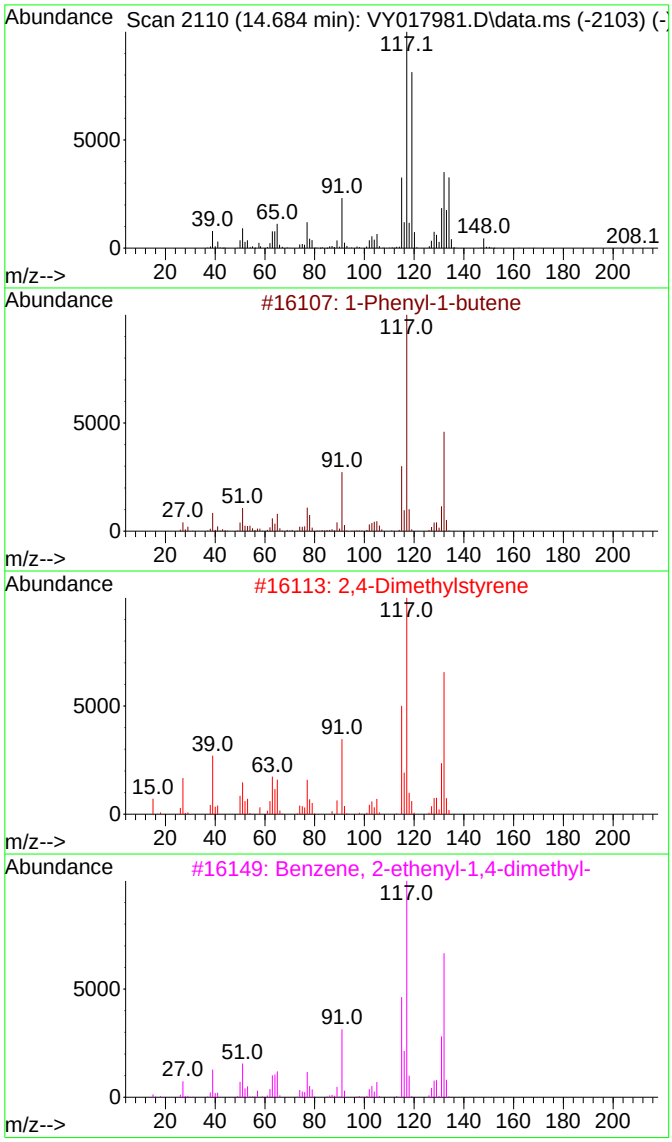
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260

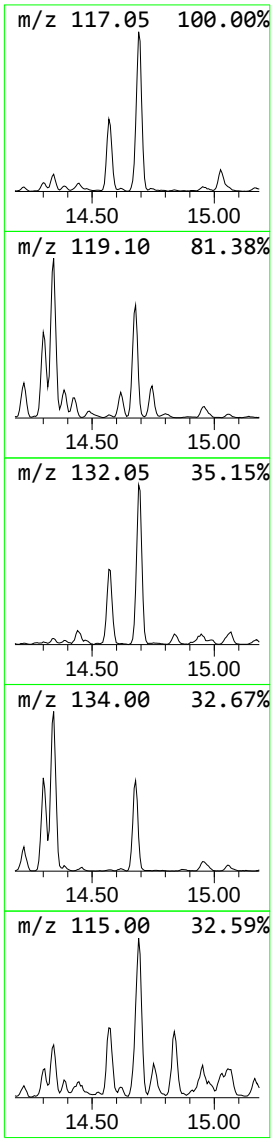
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Phenyl-1-butene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	37.83 ug/l	1151910	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	83
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
Data File : VY017981.D
Acq On : 18 Apr 2024 17:14
Operator : SY/MD
Sample : P2124-01
Misc : 7.47g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-131-SB01

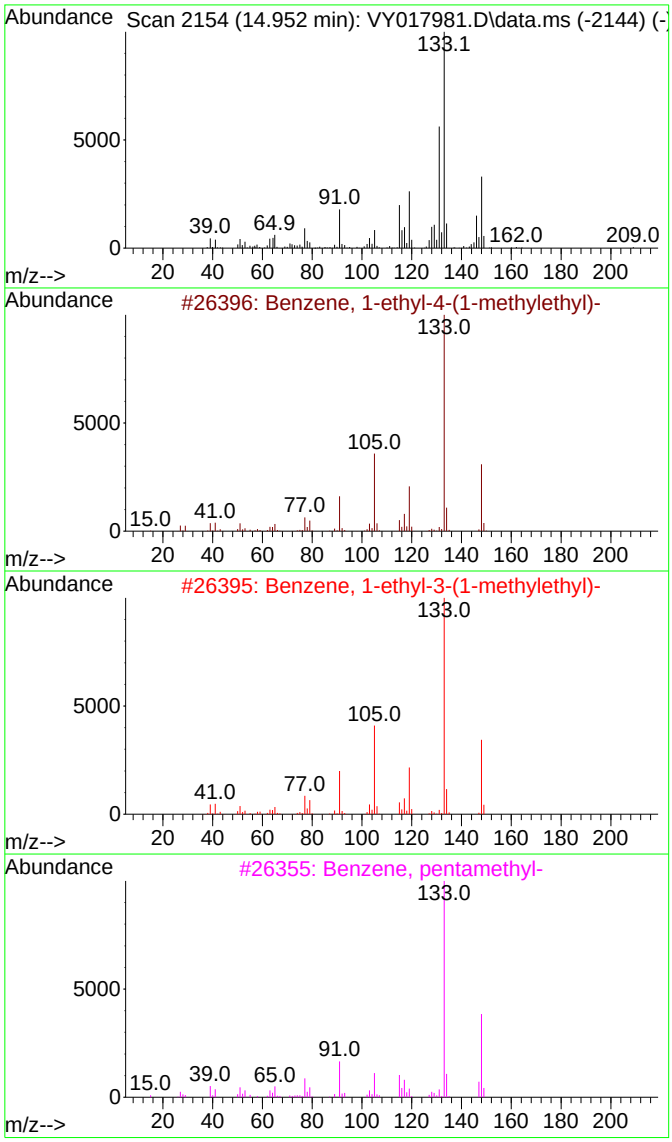
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260

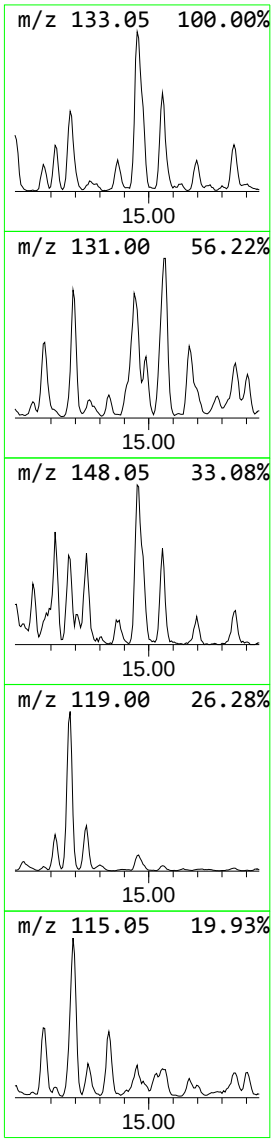
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.952	14.24 ug/l	433470	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	58
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	49
4	4-tert-Butyltoluene	148	C11H16	000098-51-1	49
5	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
Data File : VY017981.D
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Operator : SY/MD
Sample : P2124-01
Misc : 7.47g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-131-SB01

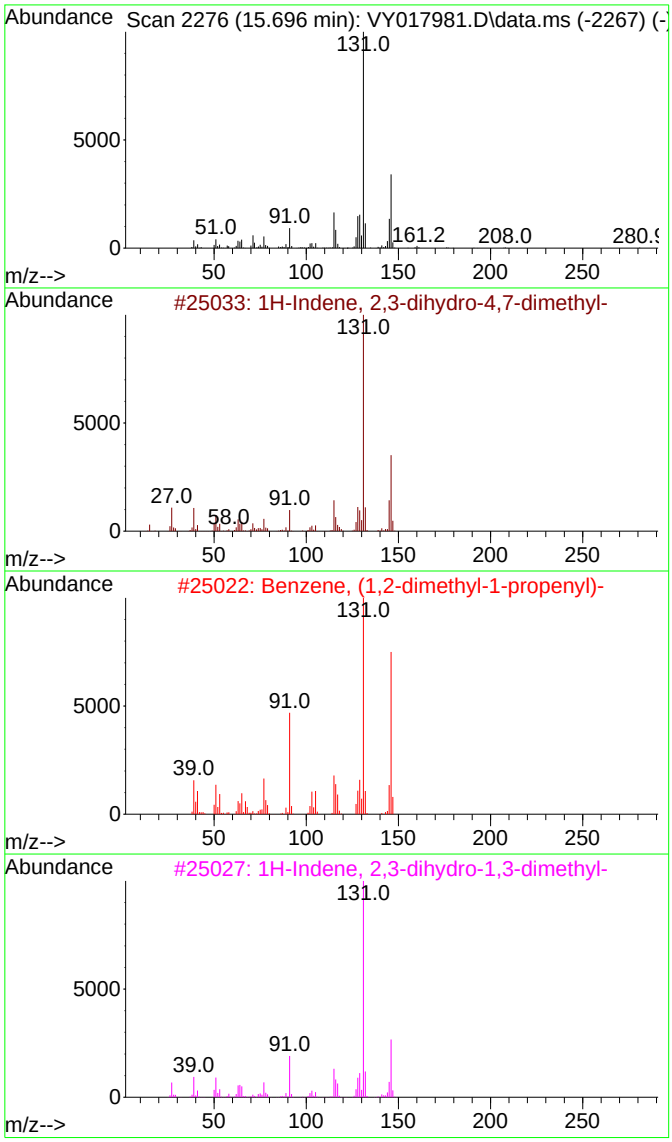
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260

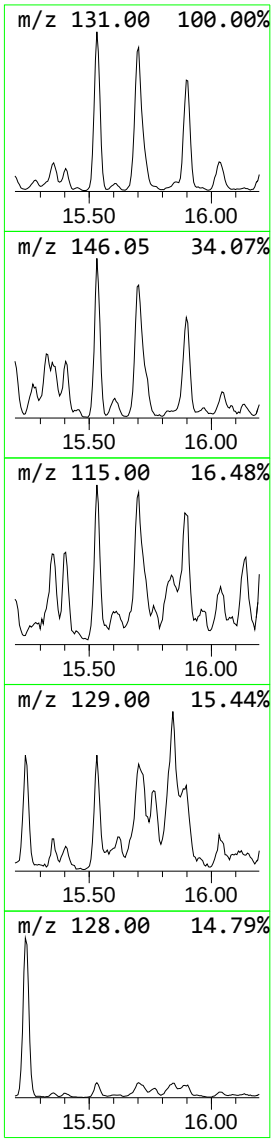
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.696	16.10 ug/l	490306	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
Data File : VY017981.D
Acq On : 18 Apr 2024 17:14
Operator : SY/MD
Sample : P2124-01
Misc : 7.47g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-131-SB01

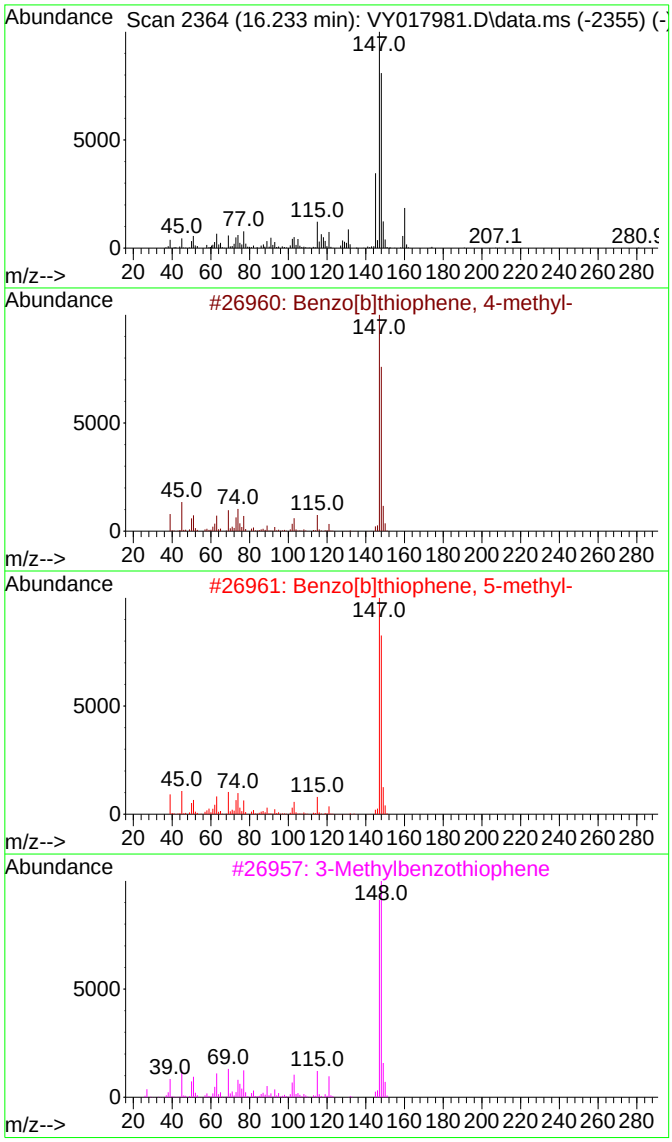
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260

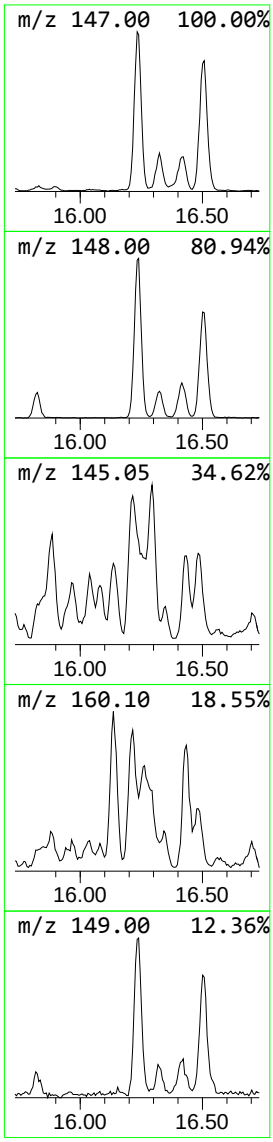
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzo[b]thiophene, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.233	24.12 ug/l	734560	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	81
2	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	81
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	78
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	68
5	Benzaldehyde, 2,4,6-trimethyl-	148	C10H12O	000487-68-3	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
Data File : VY017981.D
Acq On : 18 Apr 2024 17:14
Operator : SY/MD
Sample : P2124-01
Misc : 7.47g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-131-SB01

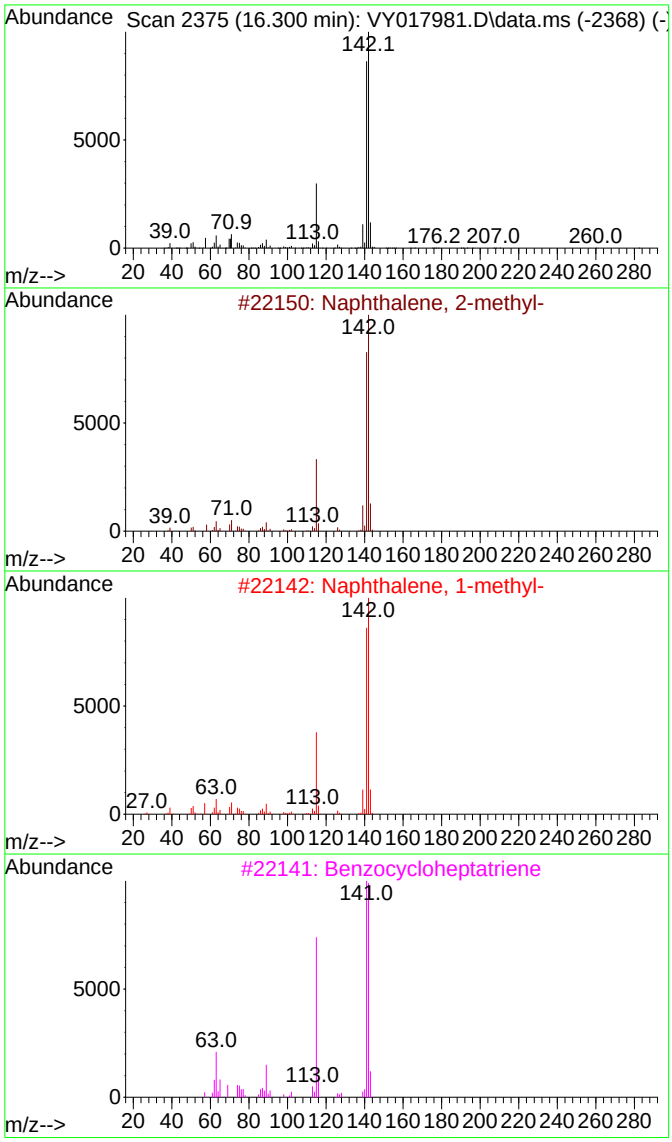
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260

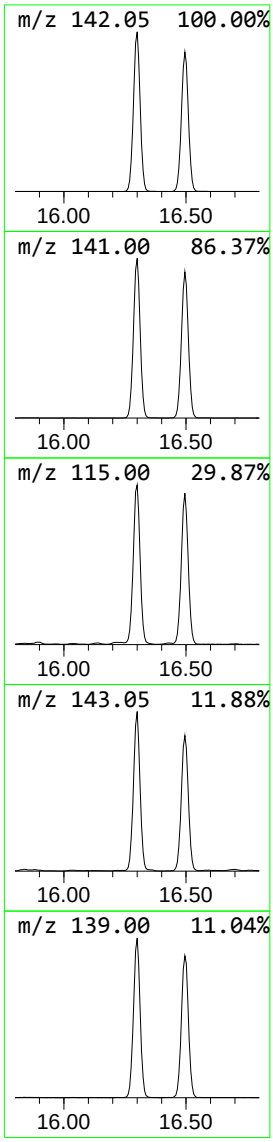
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzocycloheptatriene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.300	411.31 ug/l	12524500	1,4-Dichlorobenzene-d4	13.434

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	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	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
Data File : VY017981.D
Acq On : 18 Apr 2024 17:14
Operator : SY/MD
Sample : P2124-01
Misc : 7.47g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-131-SB01

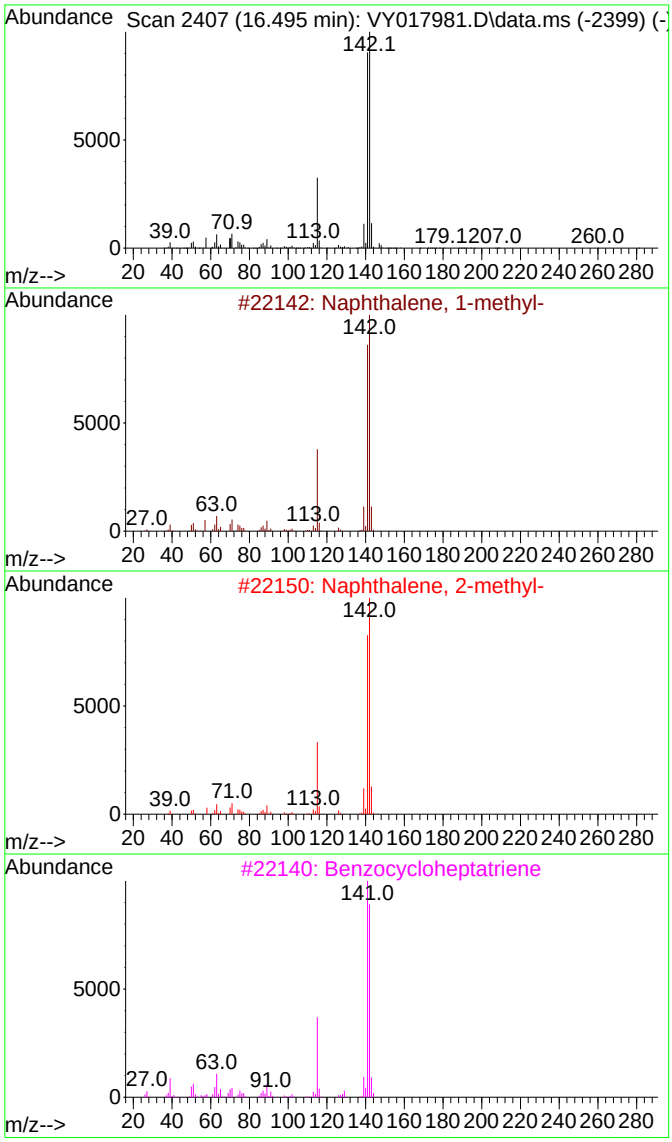
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260

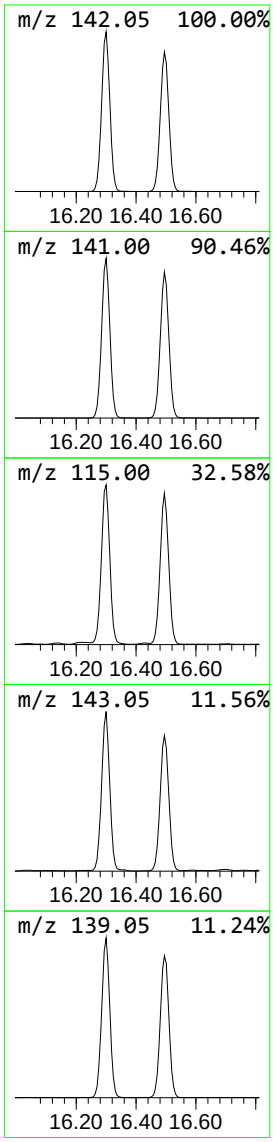
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,4-Methanonaphthalene, 1,4... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.495	388.18 ug/l	11820200	1,4-Dichlorobenzene-d4	13.434

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	90
5	1H-Indole-4-carbonitrile	142	C9H6N2	016136-52-0	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
Data File : VY017981.D
Acq On : 18 Apr 2024 17:14
Operator : SY/MD
Sample : P2124-01
Misc : 7.47g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-131-SB01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.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
Camphene	12.593	12.3	ug/l	373480	4	13.434	1522530	50.0
Benzene, 1-ethy...	13.977	14.2	ug/l	432293	4	13.434	1522530	50.0
Benzene, 1,2,4,...	14.300	13.0	ug/l	394936	4	13.434	1522530	50.0
Benzene, 1,2,3,...	14.343	20.2	ug/l	614238	4	13.434	1522530	50.0
1-Phenyl-1-butene	14.684	37.8	ug/l	1151910	4	13.434	1522530	50.0
Benzene, 1-ethy...	14.952	14.2	ug/l	433470	4	13.434	1522530	50.0
1H-Indene, 2,3-...	15.696	16.1	ug/l	490306	4	13.434	1522530	50.0
Benzo[b]thiophe...	16.233	24.1	ug/l	734560	4	13.434	1522530	50.0
Benzocyclohepta...	16.300	411.3	ug/l	12524500	4	13.434	1522530	50.0
1,4-Methanonaph...	16.495	388.2	ug/l	11820200	4	13.434	1522530	50.0