LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062321\
Data File : VD069544.D
Acq On : 23 Jun 2021 14:49
Operator : VA/SY
Sample : M2812-04
Misc : 6.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 293-347

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_D\Method\82D062121S.M
Title : SW846 8260

Signal : TIC: VD069544.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.161	373	381	393	rVB3	20679	60971	1.47%	0.236%
2	7.914	1007	1019	1024	rBV	190568	449093	10.84%	1.735%
3	7.979	1024	1030	1038	rVB2	238406	528833	12.77%	2.043%
4	8.332	1080	1090	1100	rBV	212550	488262	11.79%	1.886%
5	8.861	1169	1180	1188	rBV	361687	751916	18.15%	2.904%
6	10.337	1422	1431	1438	rBV	588858	1101513	26.59%	4.255%
7	10.402	1438	1442	1451	rVB	81137	143312	3.46%	0.554%
8	11.643	1644	1653	1664	rBV	624430	1102359	26.61%	4.258%
9	11.737	1664	1669	1676	rVV2	67622	113954	2.75%	0.440%
10	11.843	1681	1687	1697	rVB	181372	350344	8.46%	1.353%
11	12.173	1735	1743	1751	rBV	125404	213388	5.15%	0.824%
12	12.626	1814	1820	1828	rBV	522600	866536	20.92%	3.347%
13	12.878	1857	1863	1866	rBV	141712	244561	5.90%	0.945%
14	12.908	1866	1868	1871	rVV2	77527	104820	2.53%	0.405%
15	12.949	1871	1875	1882	rVB	173636	292712	7.07%	1.131%
16	13.120	1897	1904	1910	rBV3	49254	107445	2.59%	0.415%
17	13.261	1921	1928	1933	rBV	318119	513615	12.40%	1.984%
18	13.455	1956	1961	1963	rBV	31756	46237	1.12%	0.179%
19	13.567	1974	1980	1989	rBV2	669029	1374372	33.18%	5.309%
20	13.631	1989	1991	2000	rVB3	45102	74040	1.79%	0.286%
21	13.767	2008	2014	2026	rVB2	835025	1625177	39.24%	6.278%
22	13.884	2030	2034	2039	rVB5	36526	50356	1.22%	0.195%
23	13.949	2039	2045	2052	rBV	378610	623030	15.04%	2.407%
24	14.020	2053	2057	2059	rBV2	40359	58298	1.41%	0.225%
25	14.049	2059	2062	2067	rVB2	49619	75667	1.83%	0.292%
26	14.108	2067	2072	2078	rVB	113424	171655	4.14%	0.663%
27	14.220	2085	2091	2096	rBV2	113631	189559	4.58%	0.732%
28	14.349	2104	2113	2117	rVB7	22537	58201	1.41%	0.225%
29	14.402	2117	2122	2124	rBV4	59938	98492	2.38%	0.380%
30	14.431	2124	2127	2130	rVV	72832	107510	2.60%	0.415%
31	14.472	2130	2134	2137	rVV	113589	193184	4.66%	0.746%
32	14.502	2137	2139	2146	rVB2	80727	143660	3.47%	0.555%
33	14.702	2167	2173	2177	rBV	156160	269897	6.52%	1.043%
34	14.820	2185	2193	2199	rBV3	312991	679908	16.41%	2.626%
35	14.884	2199	2204	2211	rVB2	153132	286982	6.93%	1.109%
36	14.972	2212	2219	2228	rBV	250146	446950	10.79%	1.726%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062321\
Data File : VD069544.D
Acq On : 23 Jun 2021 14:49
Operator : VA/SY
Sample : M2812-04
Misc : 6.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 293-347

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_D\Method\82D062121S.M
Title : SW846 8260

37	15.078	2228	2237	2242	rBV4	92437	214021	5.17%	0.827%
38	15.196	2248	2257	2267	rVB4	73118	237483	5.73%	0.917%
39	15.302	2271	2275	2279	rBV6	32663	67732	1.64%	0.262%
40	15.390	2282	2290	2298	rVV	1681783	3097596	74.78%	11.965%
41	15.490	2301	2307	2314	rVV2	148356	300899	7.26%	1.162%
42	15.684	2333	2340	2346	rBV3	65099	135588	3.27%	0.524%
43	15.761	2349	2353	2359	rBV9	23352	43448	1.05%	0.168%
44	15.867	2360	2371	2378	rBV7	41866	154252	3.72%	0.596%
45	16.202	2421	2428	2433	rBV8	36080	89171	2.15%	0.344%
46	16.414	2459	2464	2468	rBV	39683	81859	1.98%	0.316%
47	16.478	2468	2475	2488	rVB	1585666	3317686	80.10%	12.815%
48	16.684	2501	2510	2521	rVB	1889747	4142160	100.00%	16.000%

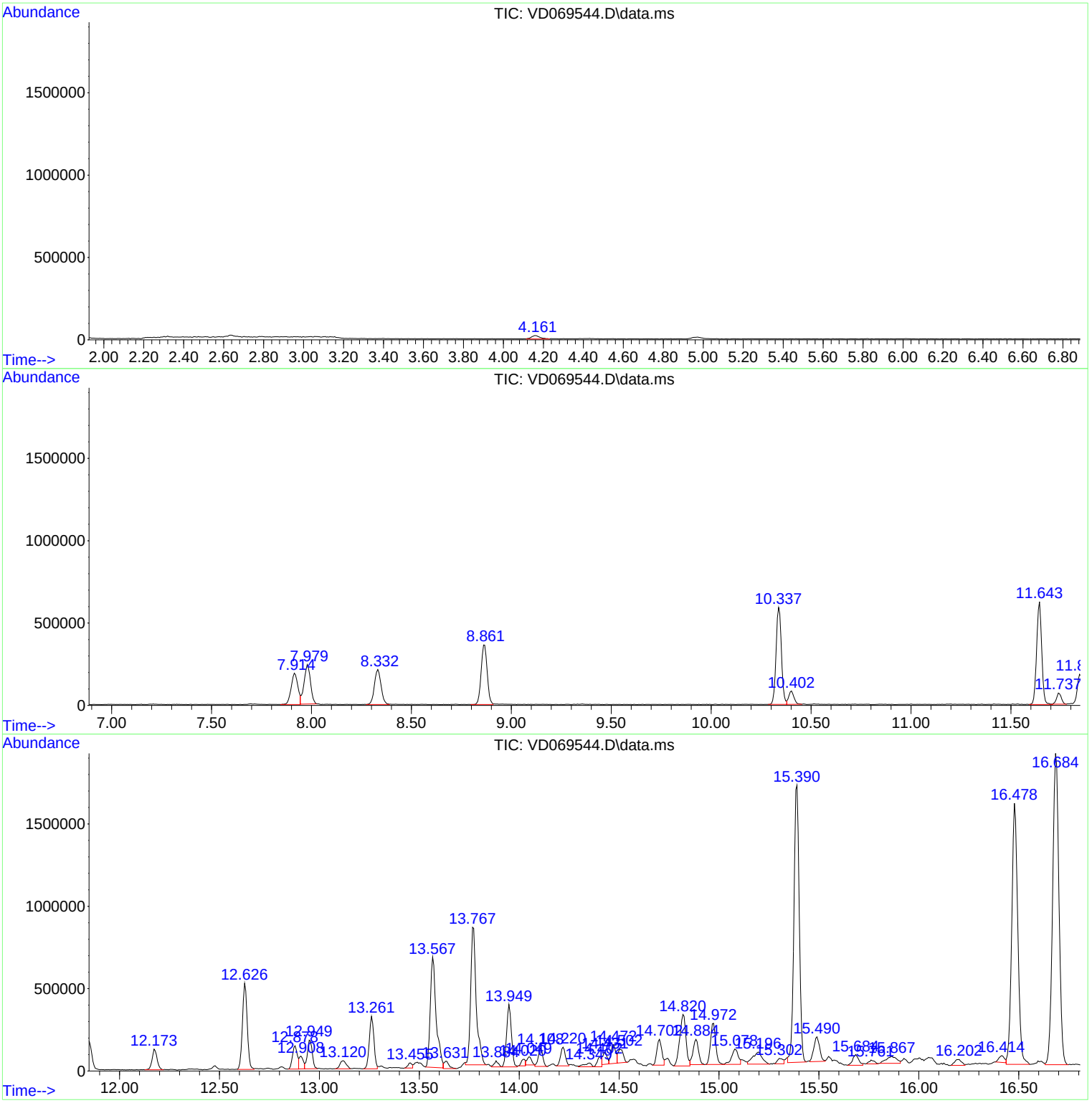
Sum of corrected areas: 25888704

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062321\
Data File : VD069544.D
Acq On : 23 Jun 2021 14:49
Operator : VA/SY
Sample : M2812-04
Misc : 6.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
293-347

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062321\
Data File : VD069544.D
Acq On : 23 Jun 2021 14:49
Operator : VA/SY
Sample : M2812-04
Misc : 6.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 293-347

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
Quant Title : SW846 8260

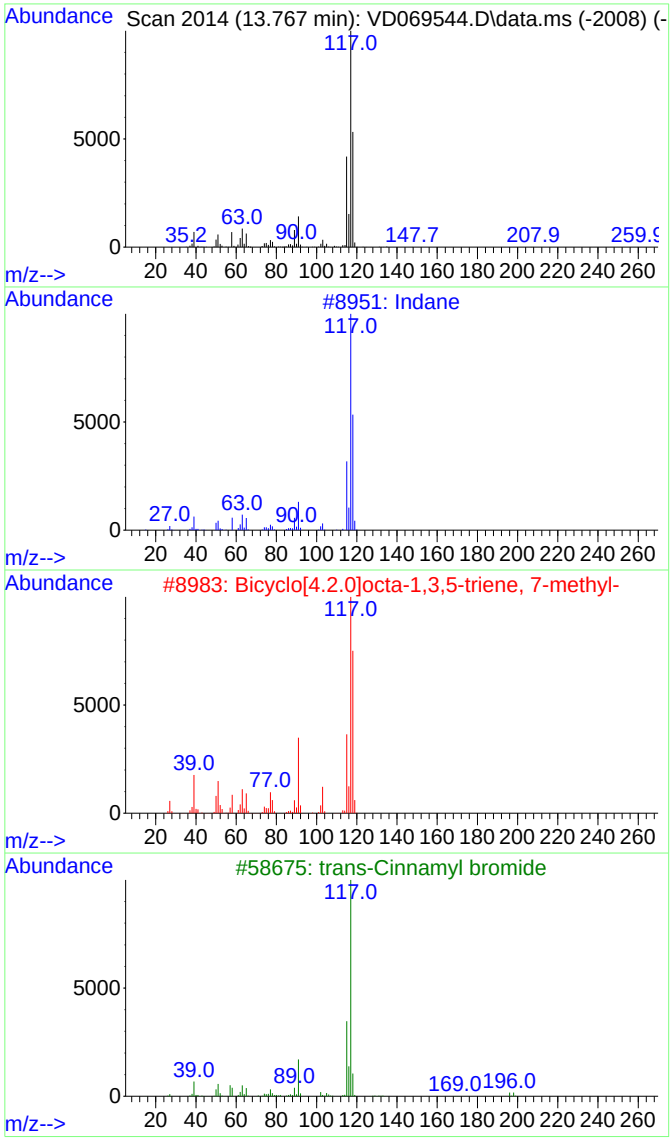
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

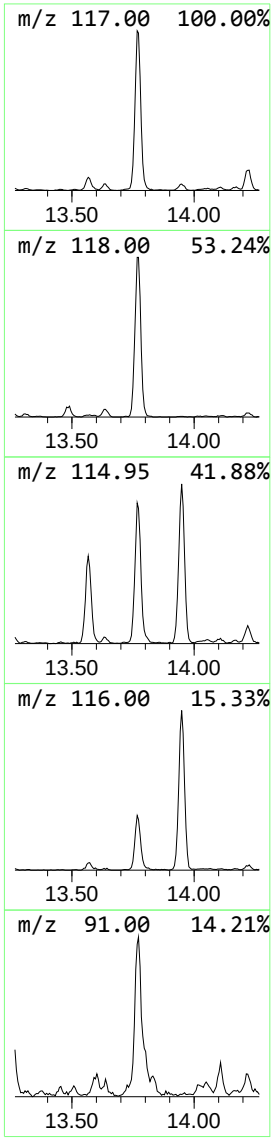
****

Peak Number 1 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.767	59.12 ug/l	1625180	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	89
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	62
3	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	59
4	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	59
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062321\
Data File : VD069544.D
Acq On : 23 Jun 2021 14:49
Operator : VA/SY
Sample : M2812-04
Misc : 6.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 293-347

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
Quant Title : SW846 8260

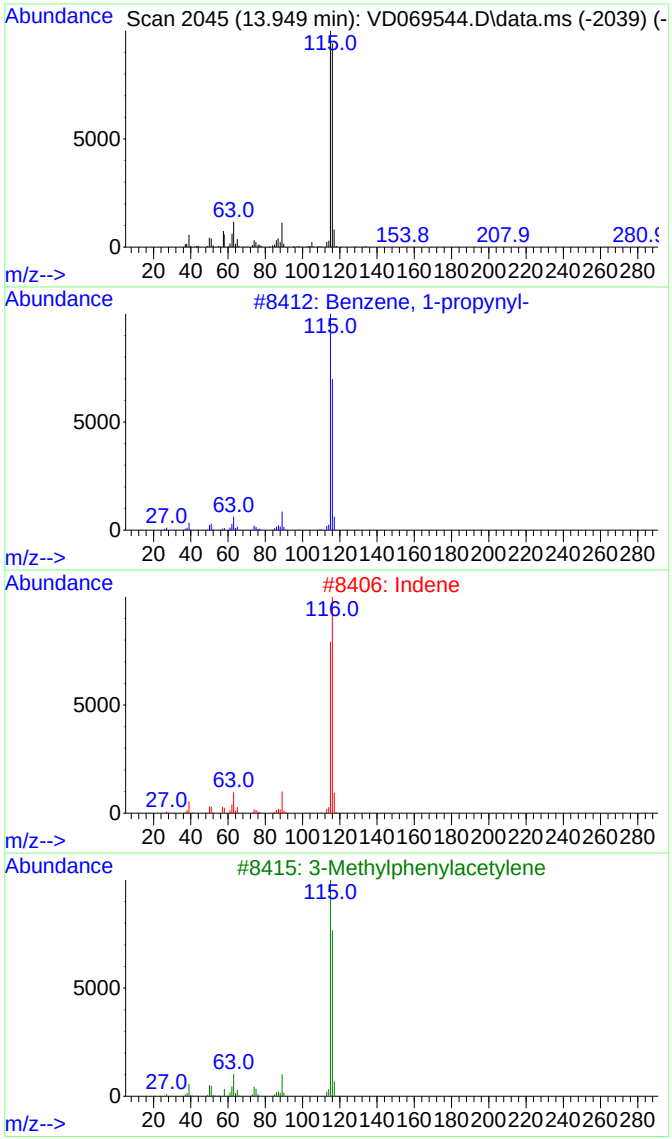
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

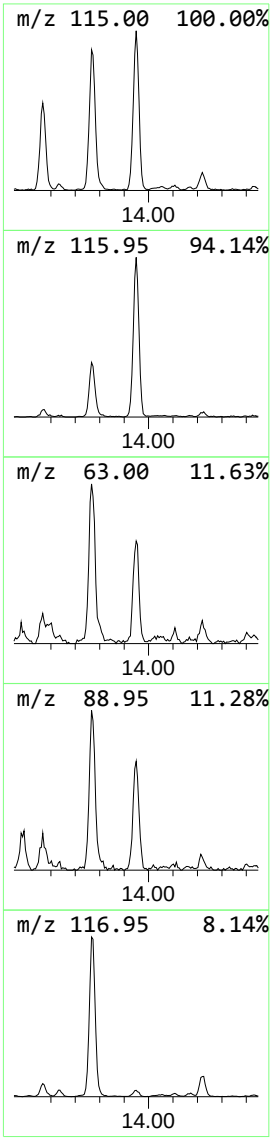
****

Peak Number 2 Benzene, 1-propynyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.949	22.67 ug/l	623030	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2	Indene	116	C9H8	000095-13-6	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062321\
Data File : VD069544.D
Acq On : 23 Jun 2021 14:49
Operator : VA/SY
Sample : M2812-04
Misc : 6.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
293-347

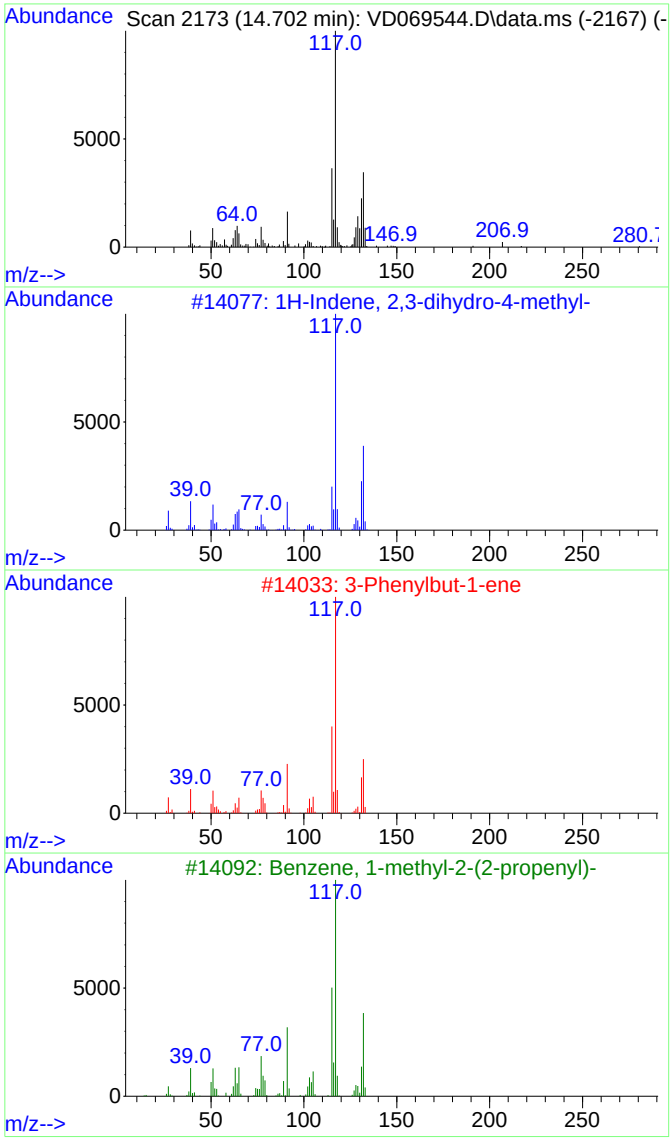
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
Quant Title : SW846 8260

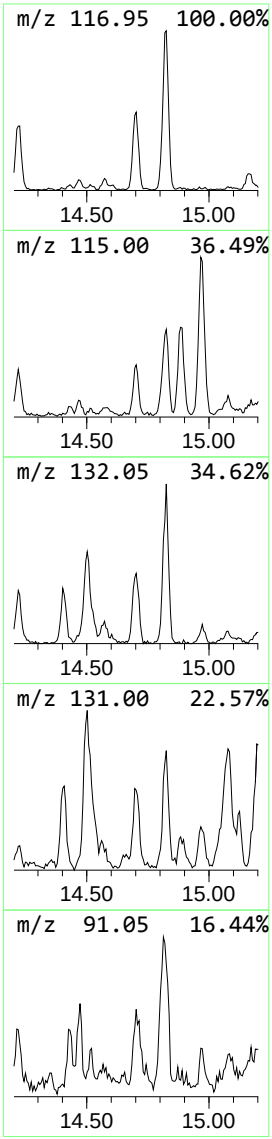
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.702	9.82 ug/l	269897	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	83
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	72
4	Indan, 1-methyl-	132	C10H12	000767-58-8	70
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062321\
Data File : VD069544.D
Acq On : 23 Jun 2021 14:49
Operator : VA/SY
Sample : M2812-04
Misc : 6.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
293-347

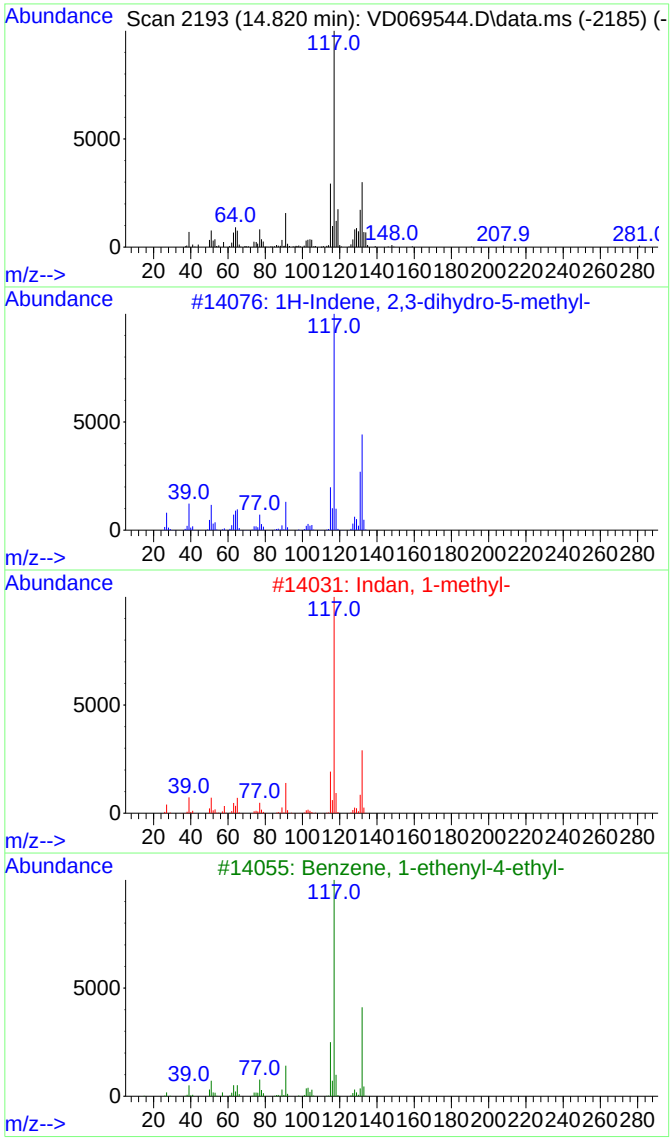
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
Quant Title : SW846 8260

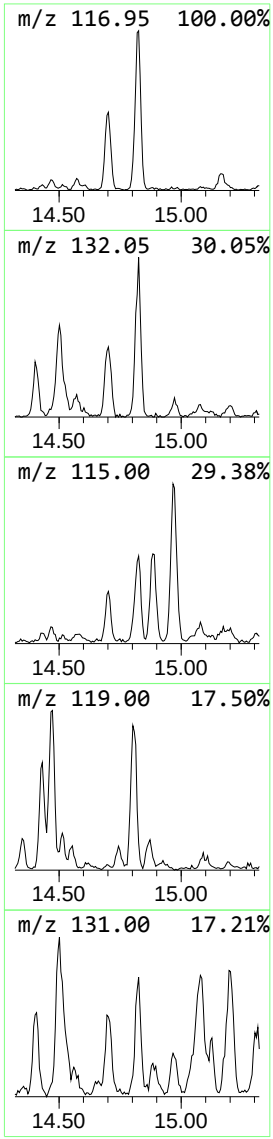
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.820	24.74 ug/l	679908	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	83
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	64
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062321\
Data File : VD069544.D
Acq On : 23 Jun 2021 14:49
Operator : VA/SY
Sample : M2812-04
Misc : 6.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
293-347

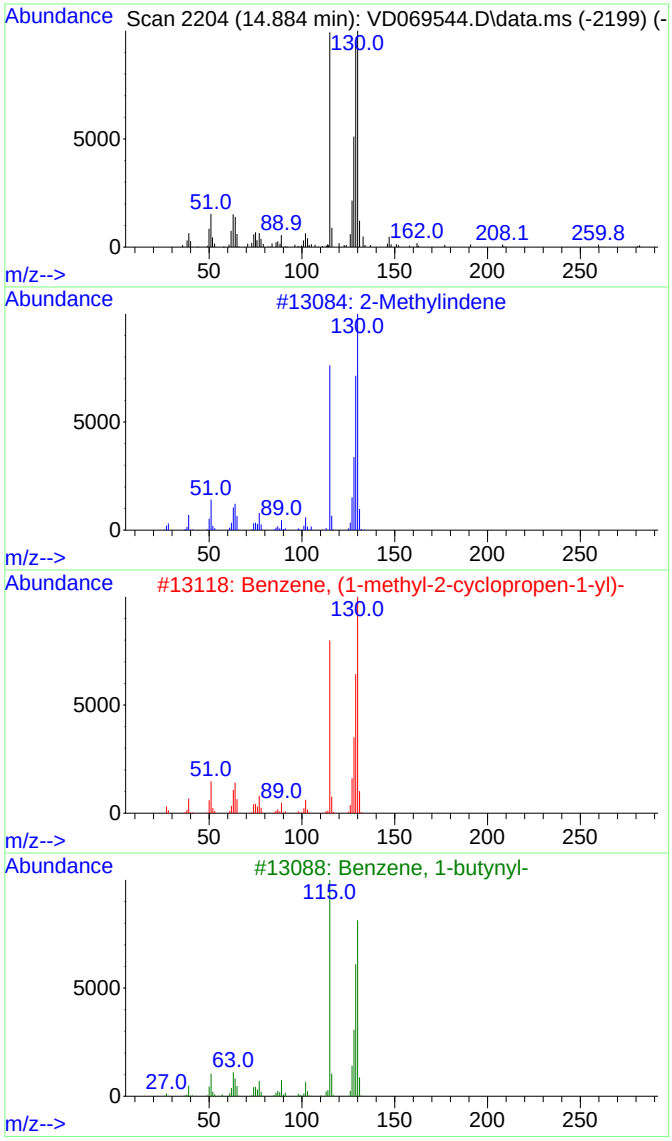
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
Quant Title : SW846 8260

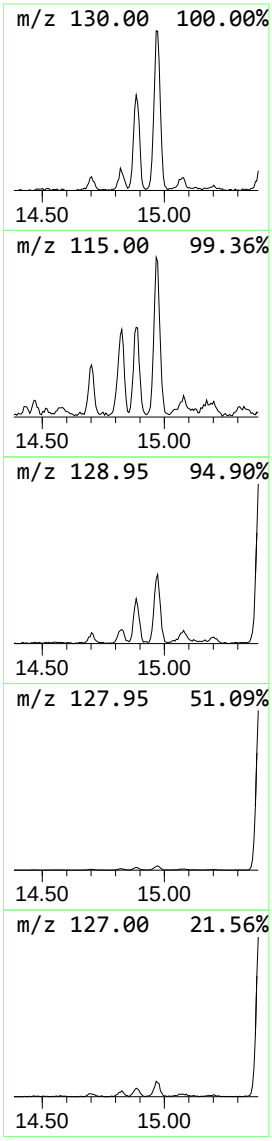
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Methylindene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.884	10.44 ug/l	286982	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	89
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	89





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062321\
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Acq On : 23 Jun 2021 14:49
Operator : VA/SY
Sample : M2812-04
Misc : 6.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 293-347

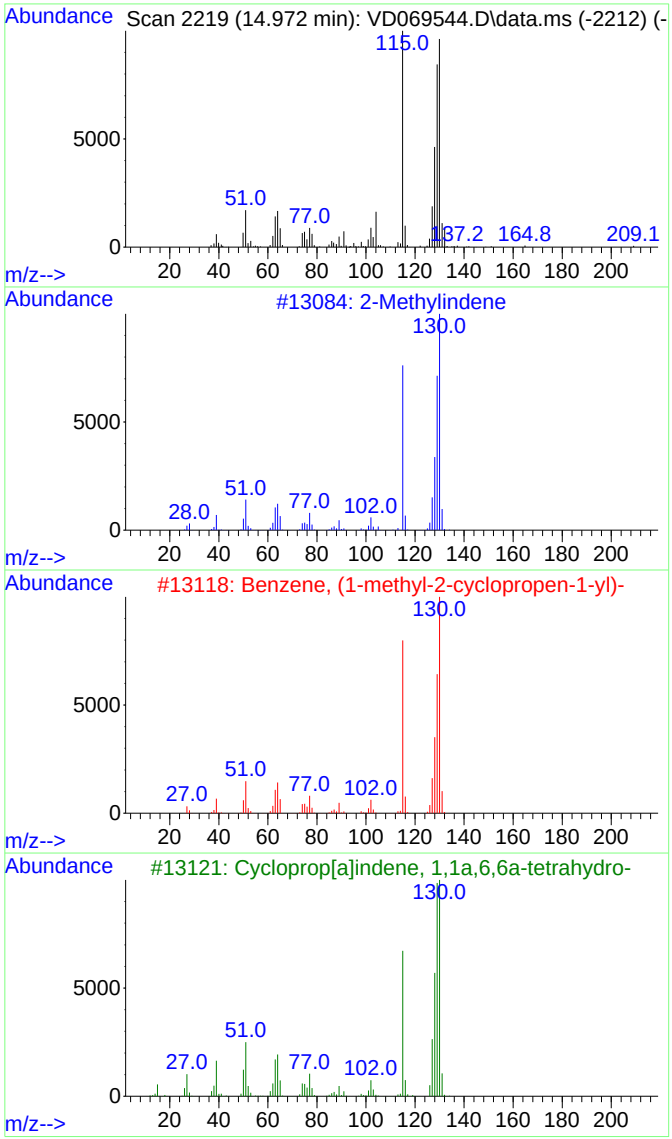
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
Quant Title : SW846 8260

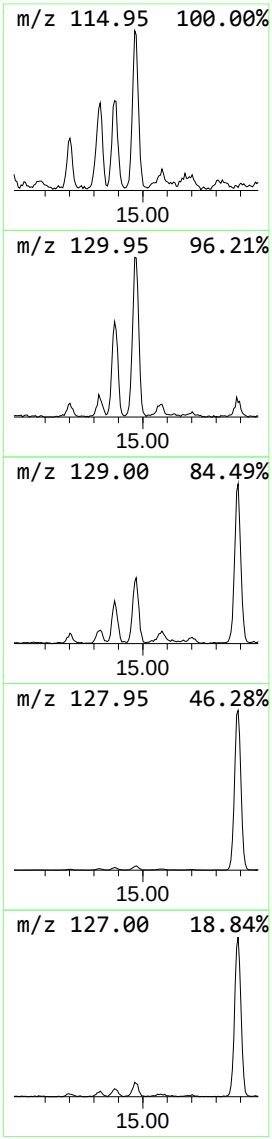
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, (1-methyl-2-cyclop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.972	16.26 ug/l	446950	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	96
4	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062321\
Data File : VD069544.D
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Operator : VA/SY
Sample : M2812-04
Misc : 6.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 293-347

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
Quant Title : SW846 8260

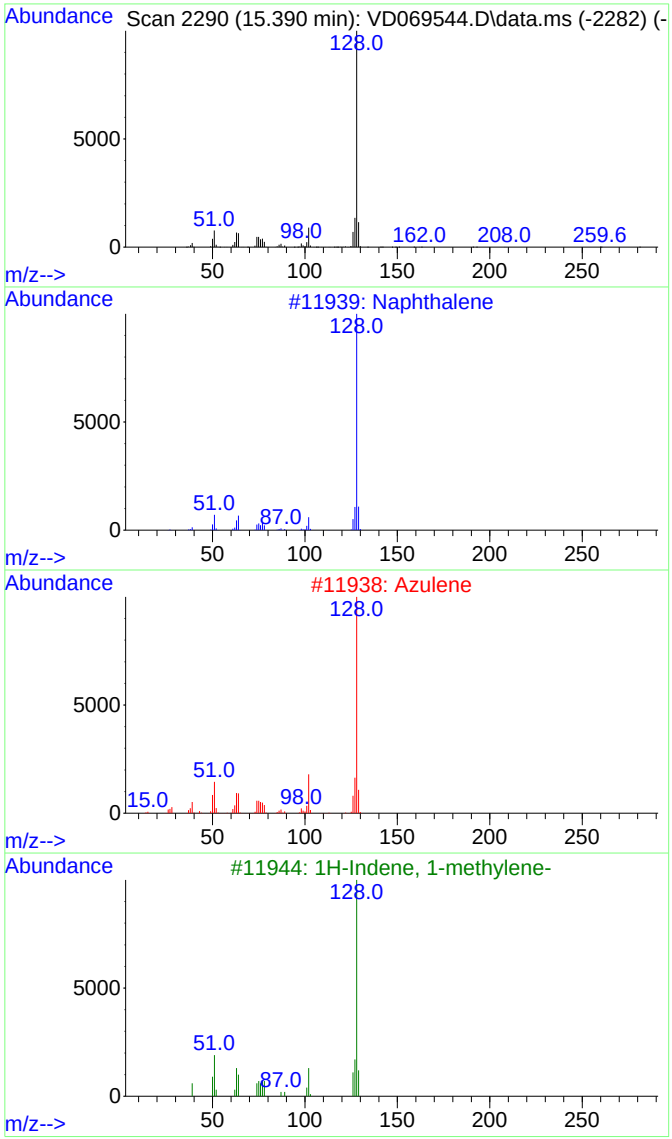
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

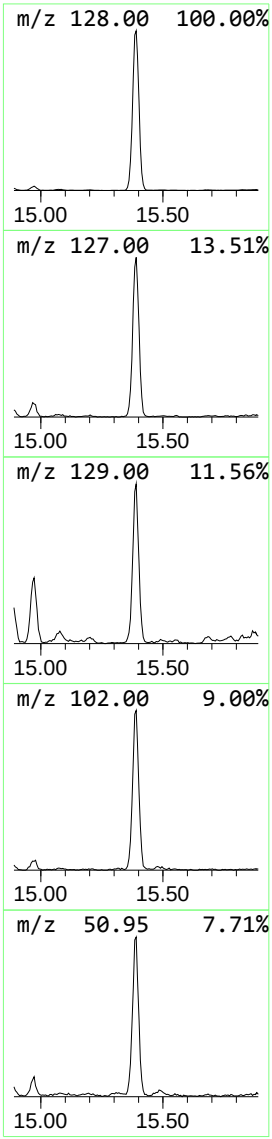
****

Peak Number 7 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.390	112.69 ug/l	3097600	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	91
3	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	86
4	4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	74
5	4-Fluorothiophenol	128	C6H5FS	000371-42-6	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062321\
Data File : VD069544.D
Acq On : 23 Jun 2021 14:49
Operator : VA/SY
Sample : M2812-04
Misc : 6.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
293-347

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
Quant Title : SW846 8260

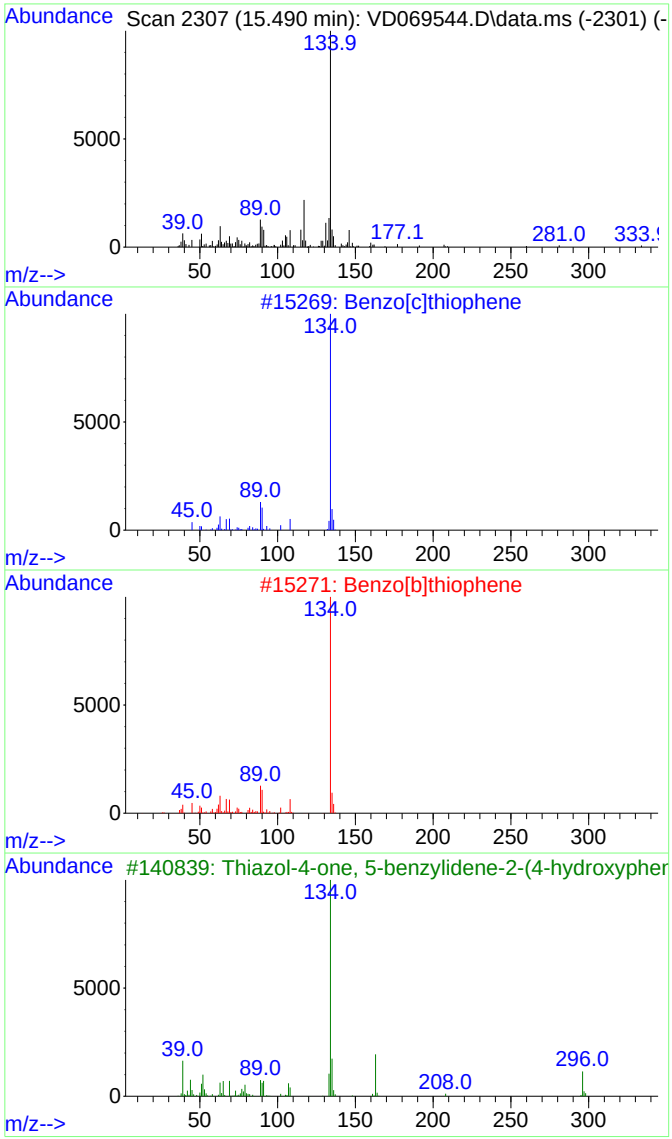
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

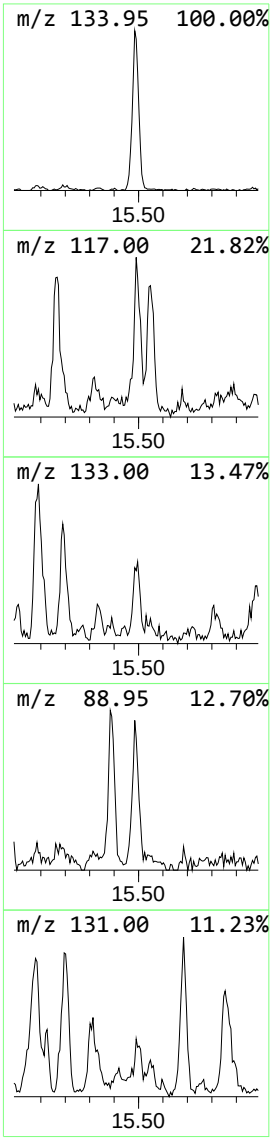
****

Peak Number 8 Benzo[c]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.490	10.95 ug/l	300899	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	68
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	62
3	Thiazol-4-one, 5-benzylidene-2-(...	296	C16H12N2O2S	1000311-00-2	59
4	Acetaldehyde, phenylhydrazone	134	C8H10N2	000935-07-9	47
5	Pyrimidine, 2,4,6-trifluoro-	134	C4HF3N2	000696-82-2	47





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Data File : VD069544.D
Acq On : 23 Jun 2021 14:49
Operator : VA/SY
Sample : M2812-04
Misc : 6.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
293-347

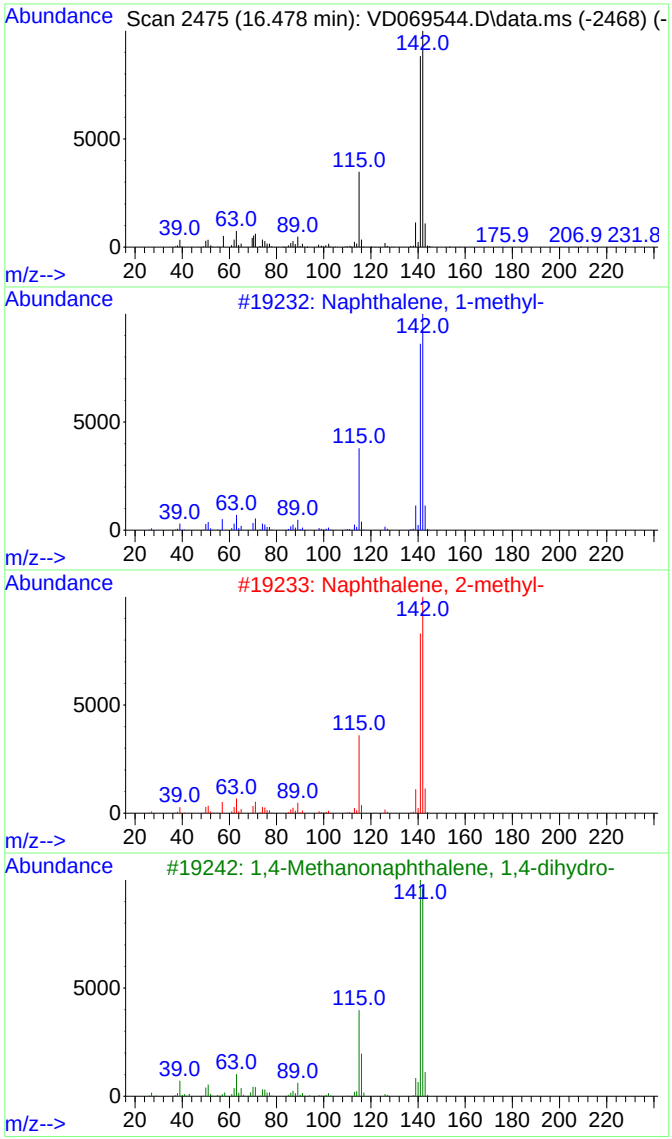
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
Quant Title : SW846 8260

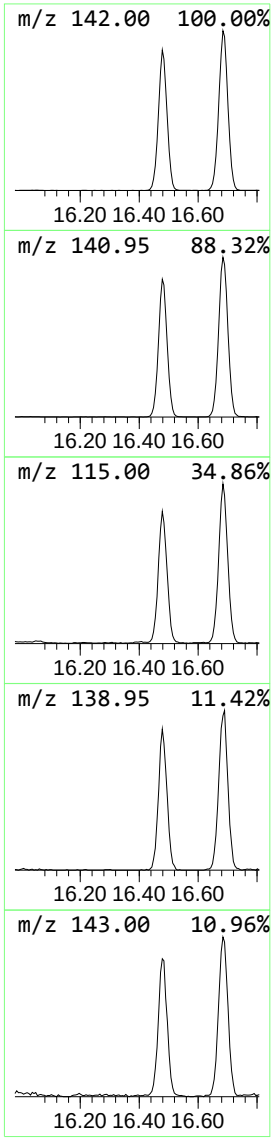
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.478	120.70 ug/l	3317690	1,4-Dichlorobenzene-d4	13.567

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	93
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_D\Data\VD062321\
Data File : VD069544.D
Acq On : 23 Jun 2021 14:49
Operator : VA/SY
Sample : M2812-04
Misc : 6.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 293-347

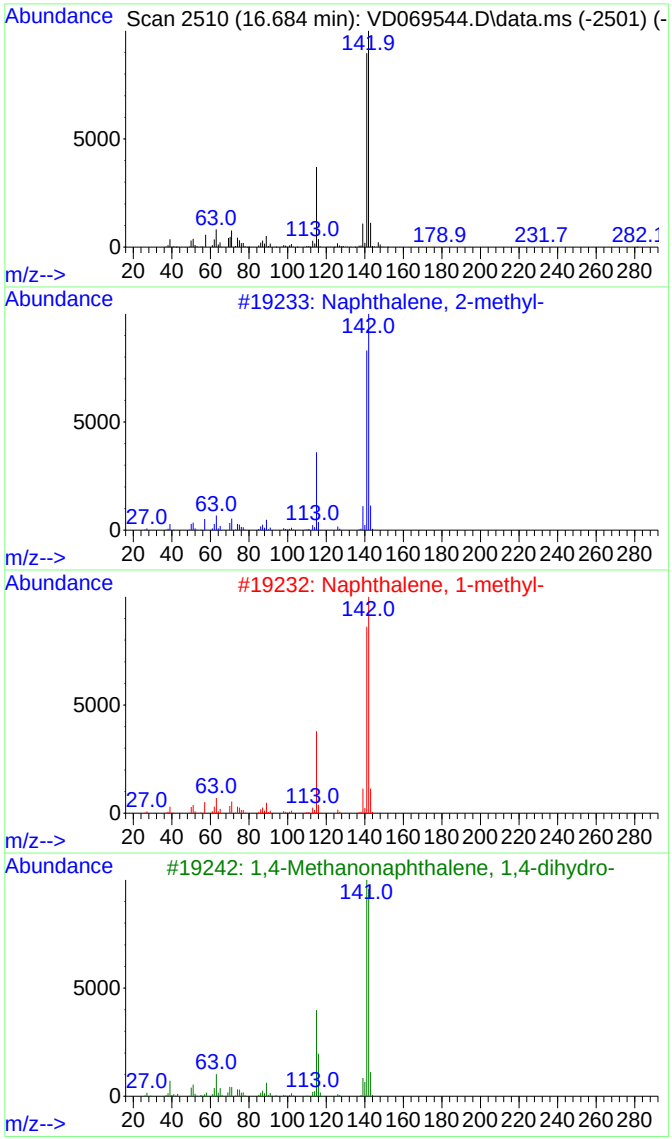
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
Quant Title : SW846 8260

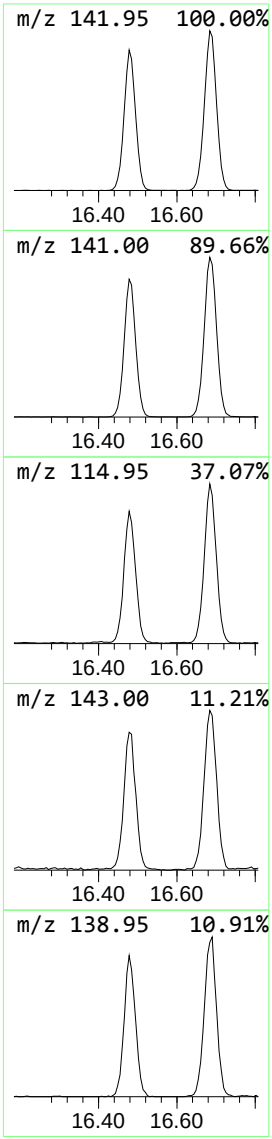
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.684	150.69 ug/l	4142160	1,4-Dichlorobenzene-d4	13.567

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	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062321\
Data File : VD069544.D
Acq On : 23 Jun 2021 14:49
Operator : VA/SY
Sample : M2812-04
Misc : 6.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 293-347

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Indane	13.767	59.1	ug/l	1625180	4	13.567	1374370	50.0
Benzene, 1-prop...	13.949	22.7	ug/l	623030	4	13.567	1374370	50.0
1H-Indene, 2,3-...	14.702	9.8	ug/l	269897	4	13.567	1374370	50.0
1H-Indene, 2,3-...	14.820	24.7	ug/l	679908	4	13.567	1374370	50.0
2-Methylindene	14.884	10.4	ug/l	286982	4	13.567	1374370	50.0
Benzene, (1-met...	14.972	16.3	ug/l	446950	4	13.567	1374370	50.0
Azulene	15.390	112.7	ug/l	3097600	4	13.567	1374370	50.0
Benzo[c]thiophene	15.490	10.9	ug/l	300899	4	13.567	1374370	50.0
Naphthalene, 1-...	16.478	120.7	ug/l	3317690	4	13.567	1374370	50.0
1,4-Methanonaph...	16.684	150.7	ug/l	4142160	4	13.567	1374370	50.0