LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
Data File : VD075237.D
Acq On : 30 Jan 2023 14:52
Operator : KP/SY
Sample : 01348-03
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
W-H5(31-32)

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\82D011823S.M
Title : SW846 8260

Signal : TIC: VD075237.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.728	18	24	36	rBV	150200	269535	47.46%	7.198%
2	4.805	536	547	557	rBV4	4861	13751	2.42%	0.367%
3	7.811	1049	1058	1063	rBV2	44990	106837	18.81%	2.853%
4	7.881	1063	1070	1080	rVB	67248	151287	26.64%	4.040%
5	8.234	1122	1130	1140	rBV	43948	101305	17.84%	2.705%
6	8.781	1214	1223	1233	rVB	110760	221357	38.97%	5.911%
7	10.269	1469	1476	1483	rBV	176741	315940	55.63%	8.437%
8	10.334	1483	1487	1495	rVB	5192	9342	1.64%	0.249%
9	11.587	1693	1700	1709	rVB	171089	296581	52.22%	7.920%
10	12.134	1787	1793	1800	rVB2	16245	27840	4.90%	0.743%
11	12.575	1860	1868	1877	rBV	136893	222895	39.25%	5.952%
12	12.834	1905	1912	1914	rBV2	8768	15164	2.67%	0.405%
13	12.851	1914	1915	1920	rVV4	9367	13220	2.33%	0.353%
14	12.904	1920	1924	1930	rVB3	20770	35409	6.23%	0.946%
15	13.069	1946	1952	1959	rBV6	4869	10526	1.85%	0.281%
16	13.216	1972	1977	1981	rBV	39543	61389	10.81%	1.639%
17	13.263	1981	1985	1991	rVV	25730	41039	7.23%	1.096%
18	13.316	1991	1994	2001	rVB3	7092	9778	1.72%	0.261%
19	13.522	2022	2029	2038	rBV2	190033	339841	59.84%	9.075%
20	13.593	2038	2041	2048	rVB6	7489	12416	2.19%	0.332%
21	13.722	2058	2063	2066	rBV3	11588	17612	3.10%	0.470%
22	13.757	2066	2069	2074	rVB2	15143	20051	3.53%	0.535%
23	13.810	2074	2078	2081	rBV4	9360	14966	2.64%	0.400%
24	13.845	2081	2084	2088	rVB2	22724	29857	5.26%	0.797%
25	13.904	2088	2094	2100	rVB	41408	67028	11.80%	1.790%
26	13.981	2102	2107	2108	rBV3	6808	8573	1.51%	0.229%
27	14.004	2108	2111	2117	rVB2	6824	10553	1.86%	0.282%
28	14.063	2118	2121	2124	rBV	11537	12901	2.27%	0.345%
29	14.116	2124	2130	2135	rVB4	11163	24119	4.25%	0.644%
30	14.204	2142	2145	2152	rVB7	7271	12107	2.13%	0.323%
31	14.304	2157	2162	2166	rBV7	5872	11521	2.03%	0.308%
32	14.387	2171	2176	2180	rBV6	10328	17575	3.09%	0.469%
33	14.428	2180	2183	2187	rVB2	24235	30165	5.31%	0.806%
34	14.493	2187	2194	2198	rBV6	21374	47186	8.31%	1.260%
35	14.669	2218	2224	2227	rBV6	11402	22620	3.98%	0.604%
36	14.704	2227	2230	2234	rVB4	15561	21254	3.74%	0.568%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
Data File : VD075237.D
Acq On : 30 Jan 2023 14:52
Operator : KP/SY
Sample : 01348-03
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
W-H5(31-32)

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\82D011823S.M
Title : SW846 8260

37	14.769	2234	2241	2245	rBV4	24997	51283	9.03%	1.369%
38	14.810	2245	2248	2250	rVV	21784	32699	5.76%	0.873%
39	14.840	2250	2253	2259	rVB2	33852	54034	9.51%	1.443%
40	14.928	2259	2268	2273	rBV	35962	65459	11.53%	1.748%
41	15.034	2280	2286	2290	rBV7	7504	14266	2.51%	0.381%
42	15.151	2300	2306	2311	rBV2	41818	71711	12.63%	1.915%
43	15.251	2320	2323	2329	rBV7	7108	11039	1.94%	0.295%
44	15.334	2329	2337	2349	rVB	319233	567953	100.00%	15.166%
45	15.628	2381	2387	2391	rBV8	4726	10707	1.89%	0.286%
46	15.822	2417	2420	2426	rVB6	8914	14845	2.61%	0.396%
47	15.928	2434	2438	2443	rVB7	3321	5714	1.01%	0.153%
48	15.992	2446	2449	2454	rBV4	5148	8629	1.52%	0.230%
49	16.404	2512	2519	2528	rVB2	56672	119353	21.01%	3.187%
50	16.610	2546	2554	2561	rBV	32621	73582	12.96%	1.965%

Sum of corrected areas: 3744814

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Operator : KP/SY
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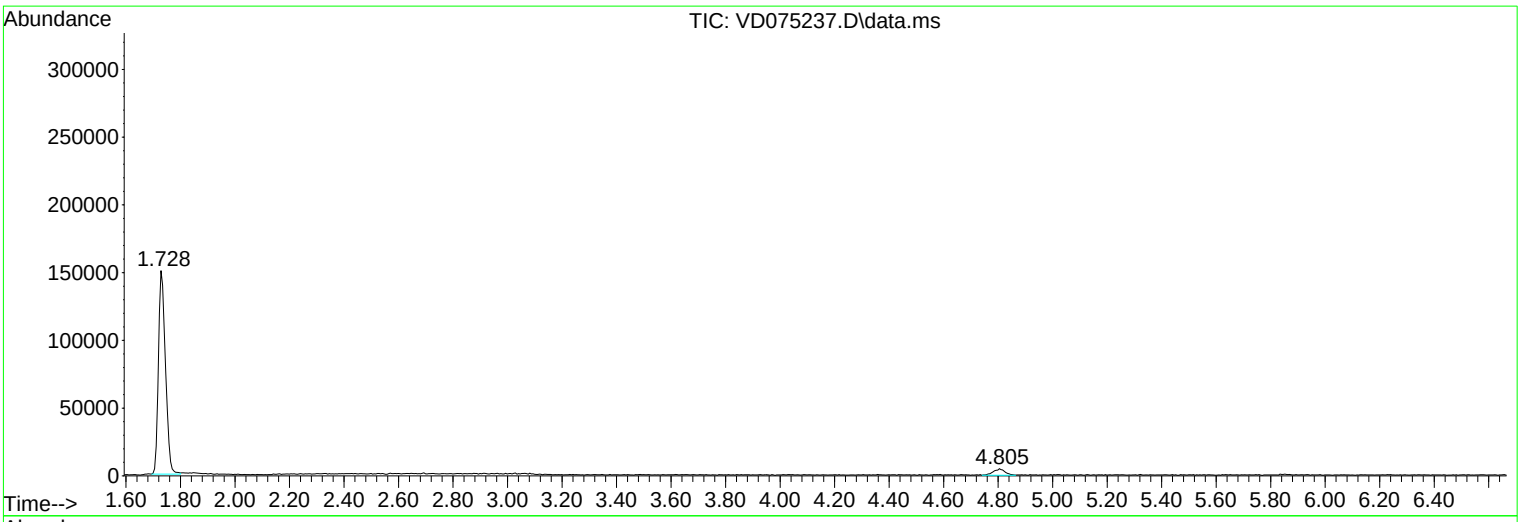
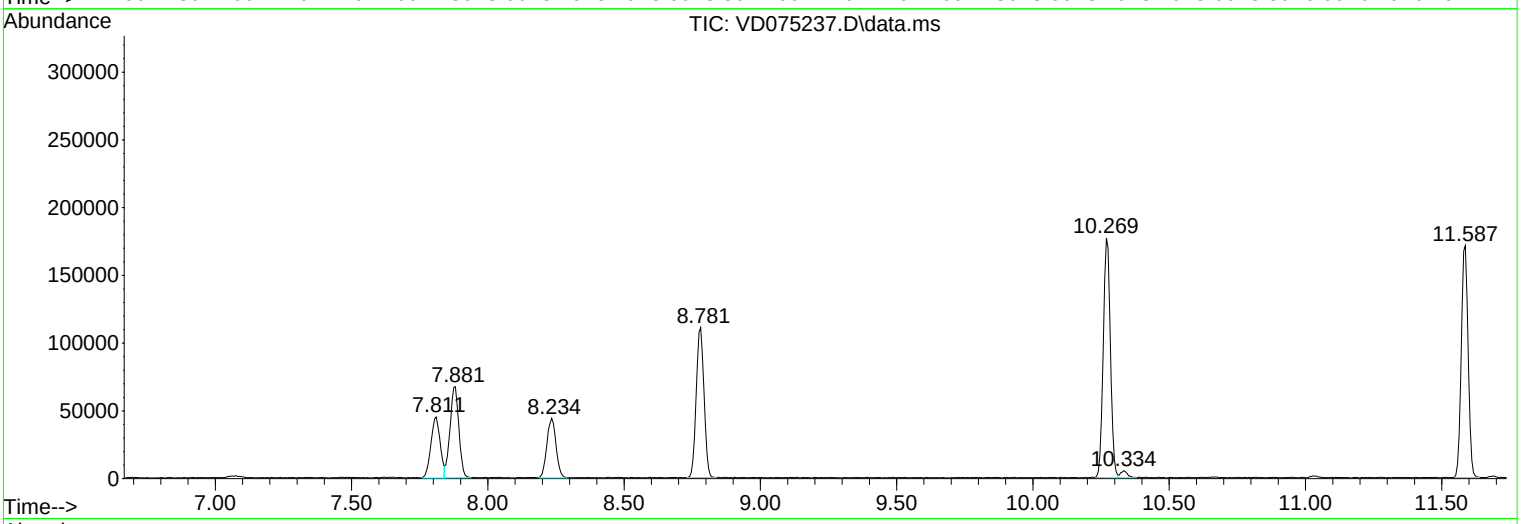
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

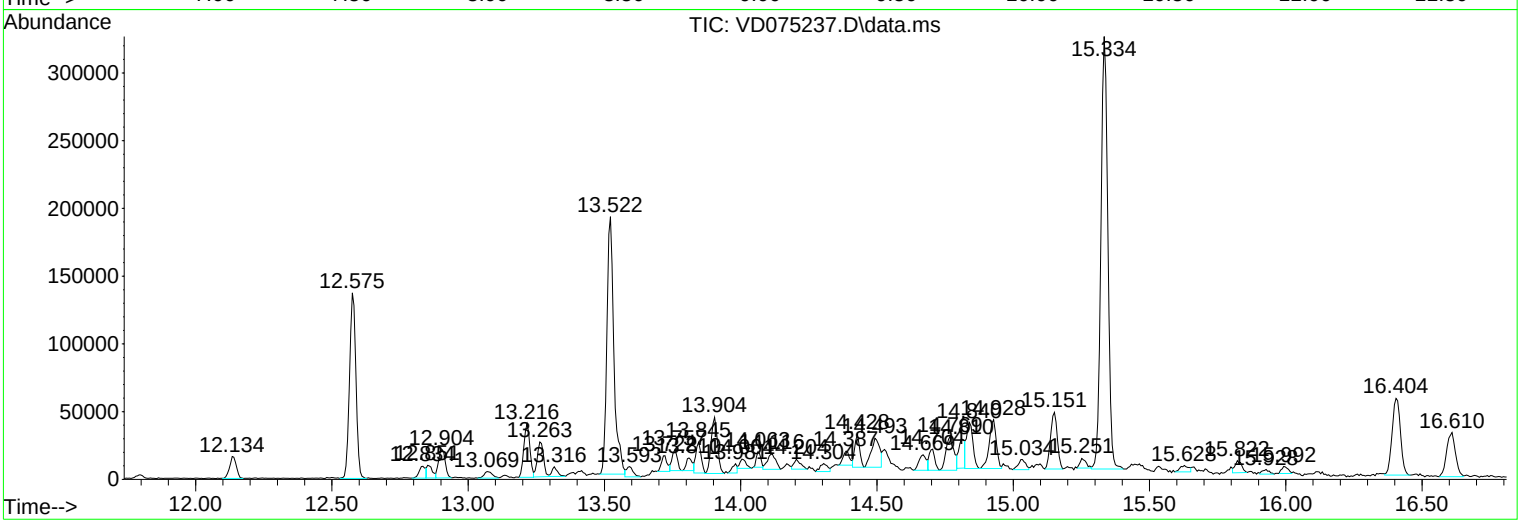
Instrument :
MSVOA_D
ClientSampleId :
W-H5(31-32)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
Data File : VD075237.D
Acq On : 30 Jan 2023 14:52
Operator : KP/SY
Sample : 01348-03
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
W-H5(31-32)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260

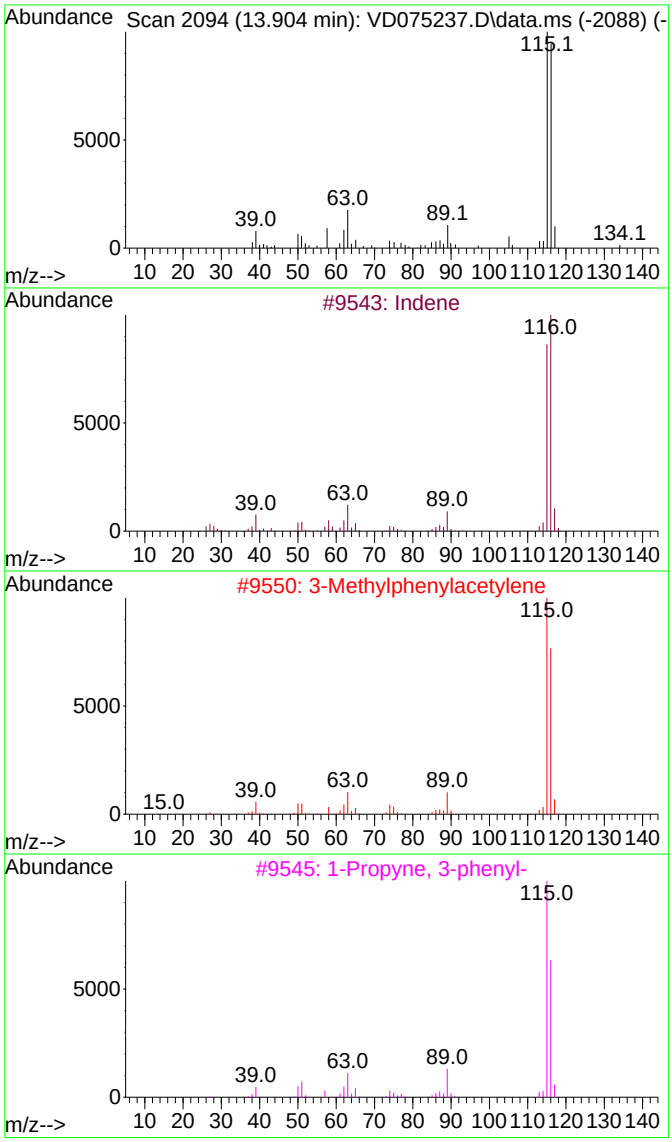
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

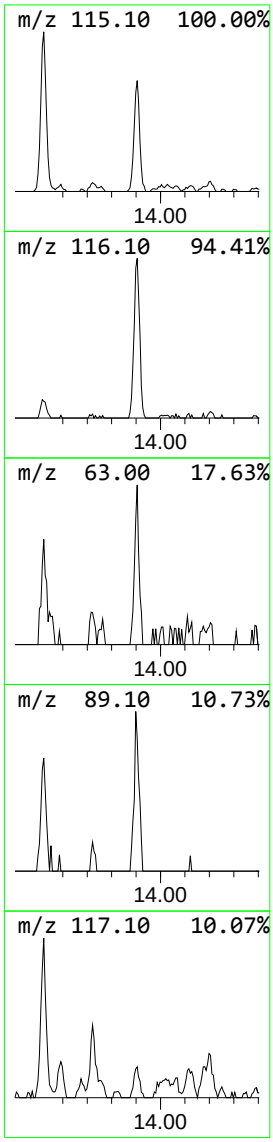
****

Peak Number 2 Indene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	9.86 ug/l	67028	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	90
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
Data File : VD075237.D
Acq On : 30 Jan 2023 14:52
Operator : KP/SY
Sample : 01348-03
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
W-H5(31-32)

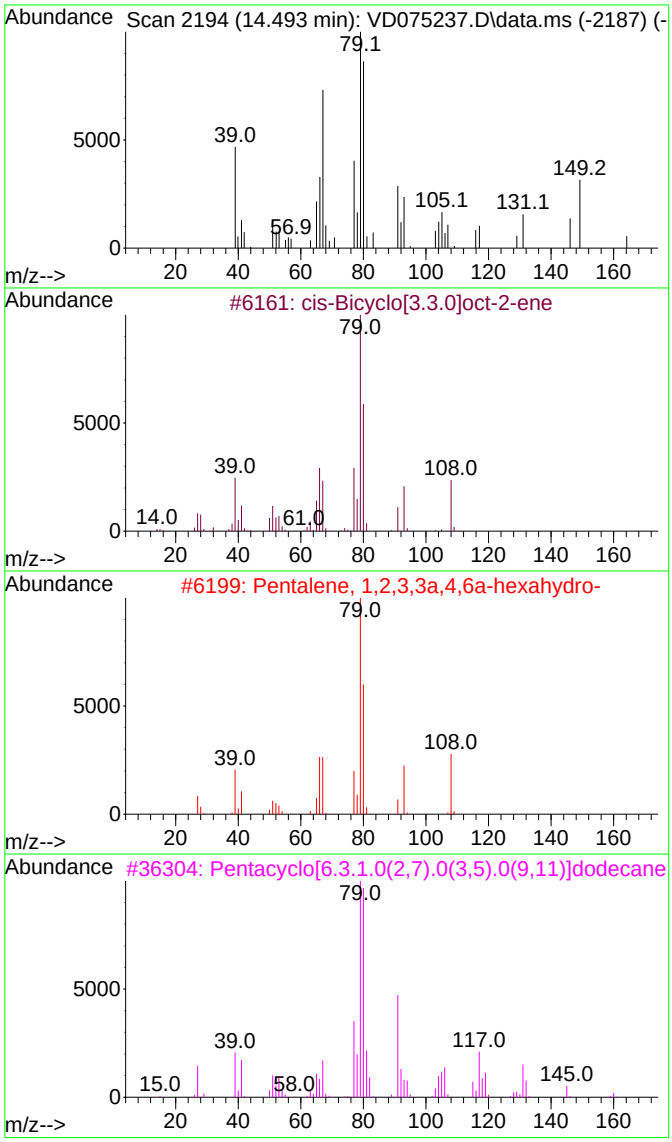
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260

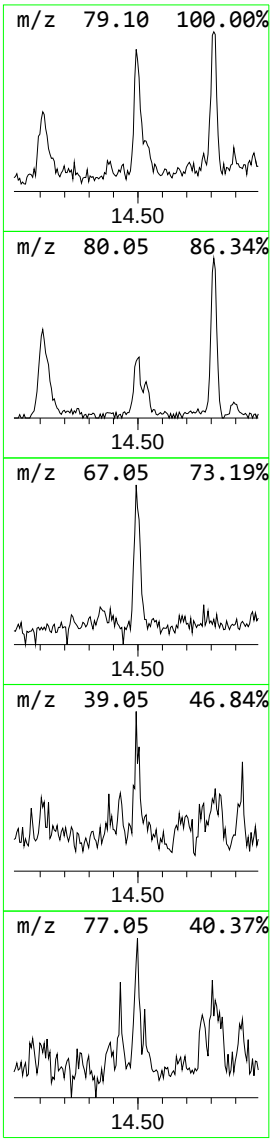
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 cis-Bicyclo[3.3.0]oct-2-ene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	6.94 ug/l	47186	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Bicyclo[3.3.0]oct-2-ene	108	C8H12	000930-99-4	64
2	Pentalene, 1,2,3,3a,4,6a-hexahydro-	108	C8H12	005549-09-7	59
3	Pentacyclo[6.3.1.0(2,7).0(3,5).0...	160	C12H16	006049-82-7	50
4	Pentacyclo[5.4.1.0(3,5).0(1,7).0...	160	C12H16	1000487-16-5	50
5	1,4-Cyclohexadiene	80	C6H8	000628-41-1	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
Data File : VD075237.D
Acq On : 30 Jan 2023 14:52
Operator : KP/SY
Sample : 01348-03
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
W-H5(31-32)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260

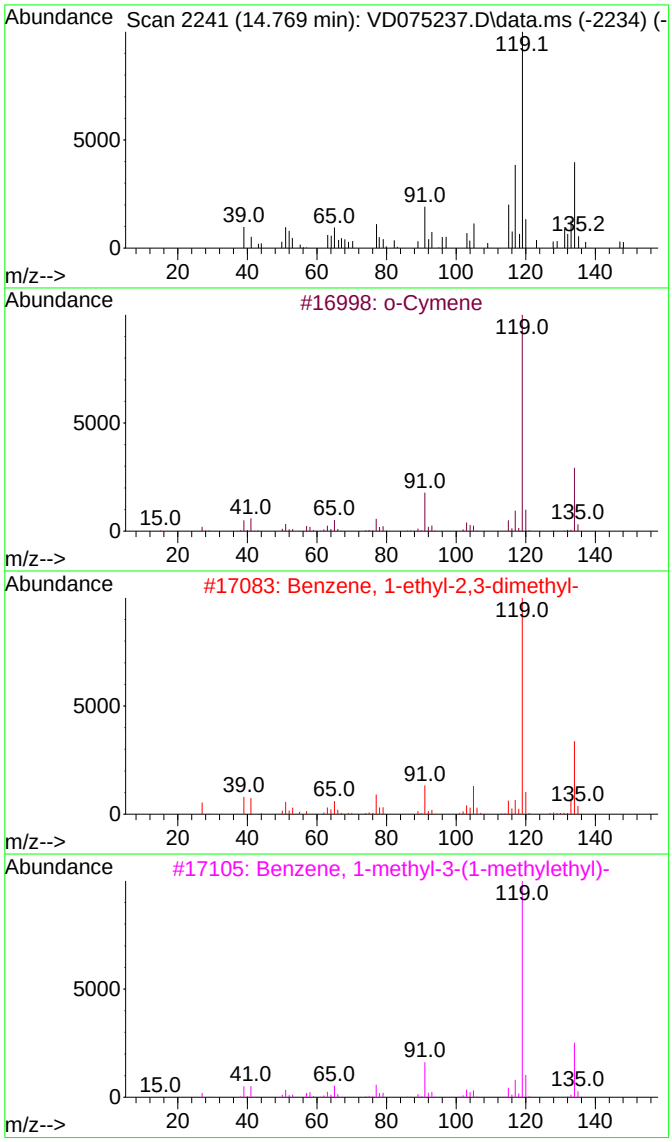
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

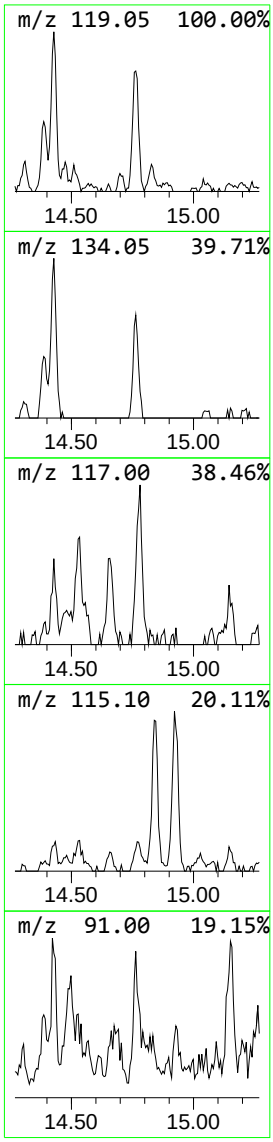
****

Peak Number 4 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.769	7.55 ug/l	51283	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	64
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
Data File : VD075237.D
Acq On : 30 Jan 2023 14:52
Operator : KP/SY
Sample : 01348-03
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
W-H5(31-32)

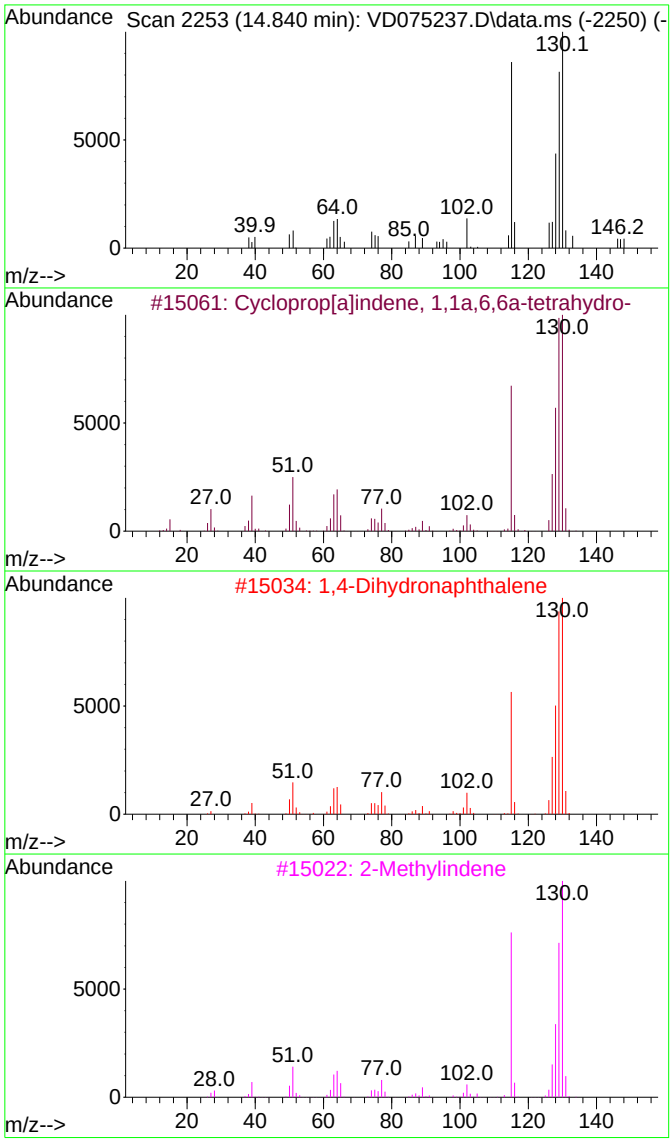
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260

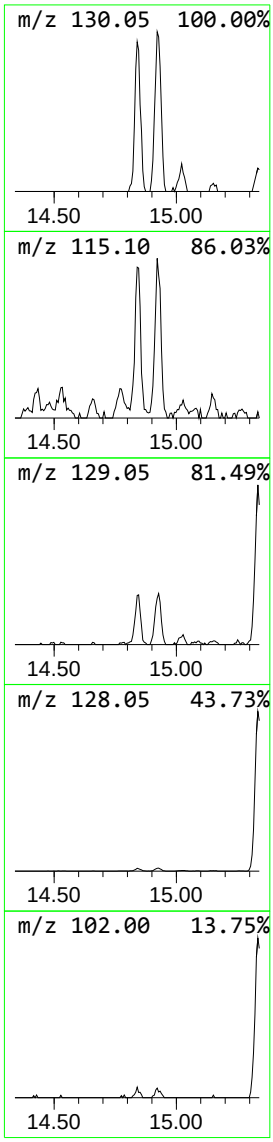
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.840	7.95 ug/l	54034	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	94
2	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	90
3	2-Methylindene	130	C10H10	002177-47-1	81
4	2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	81
5	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
Data File : VD075237.D
Acq On : 30 Jan 2023 14:52
Operator : KP/SY
Sample : 01348-03
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
W-H5(31-32)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260

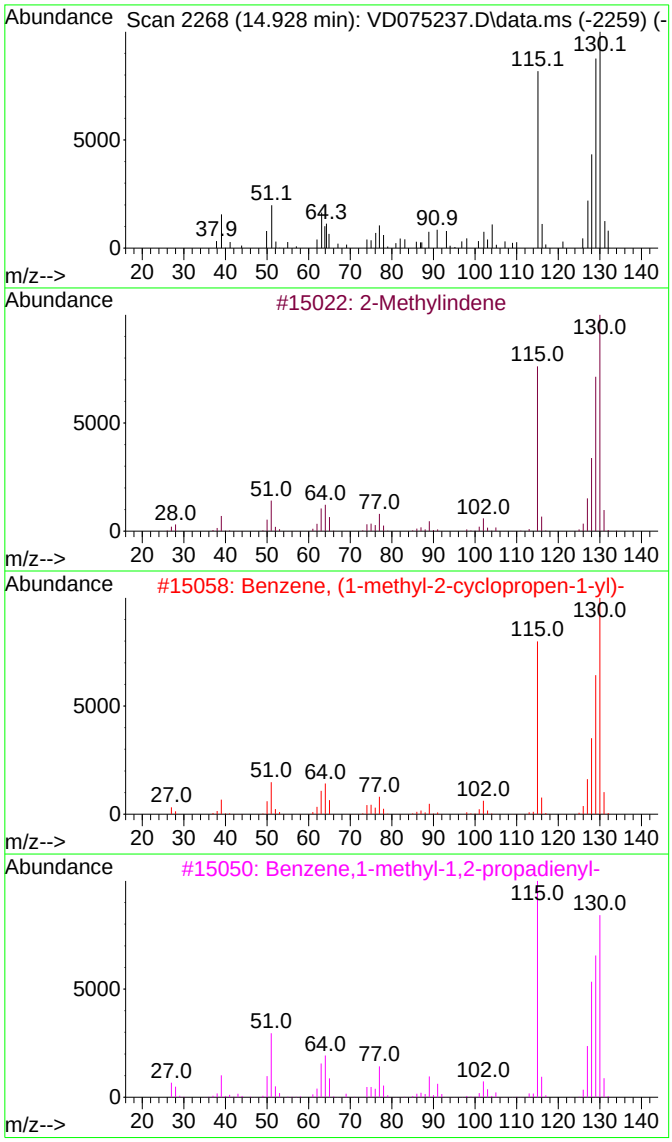
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

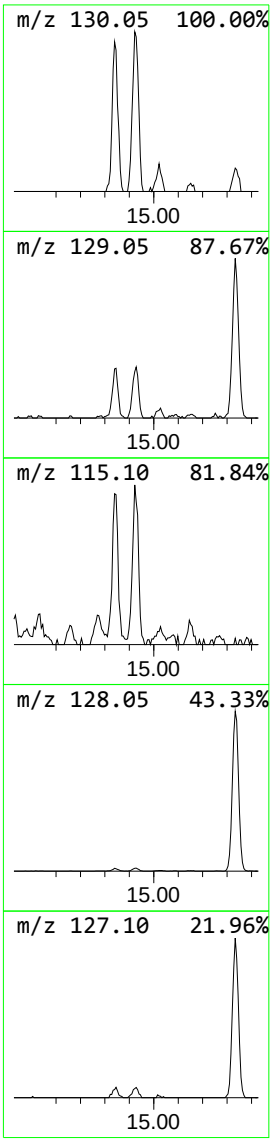
****

Peak Number 6 2-Methylindene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.928	9.63 ug/l	65459	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	93
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
4	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	92
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
Data File : VD075237.D
Acq On : 30 Jan 2023 14:52
Operator : KP/SY
Sample : 01348-03
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
W-H5(31-32)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260

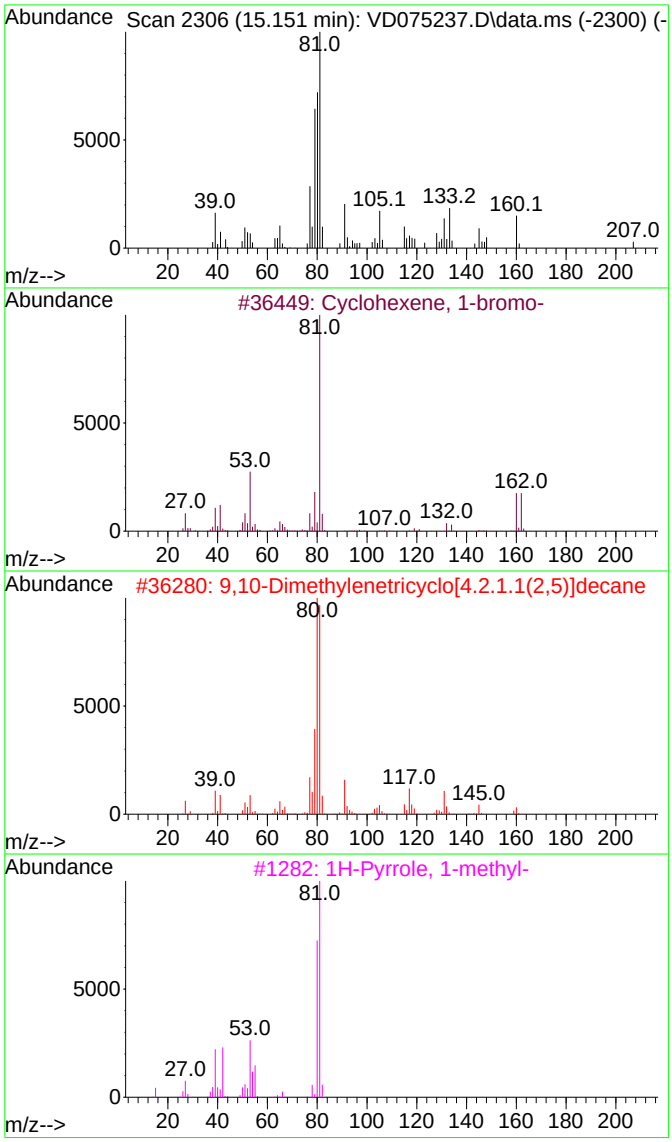
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

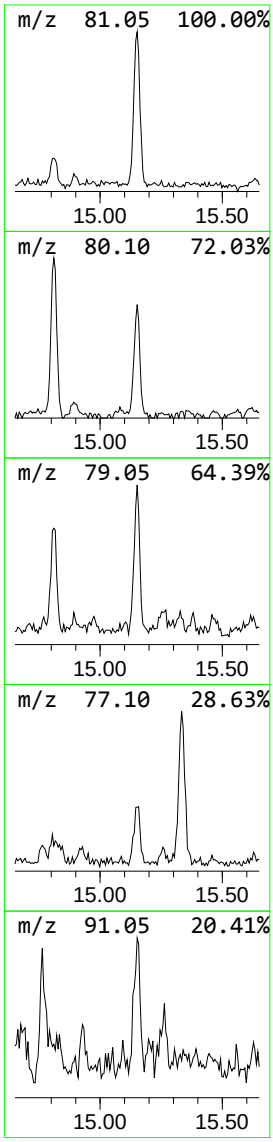
****

Peak Number 7 unknown15.151 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.151	10.55 ug/l	71711	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-bromo-	160	C6H9Br	002044-08-8	38
2	9,10-Dimethylenetricyclo[4.2.1.1...	160	C12H16	1000187-48-0	35
3	1H-Pyrrole, 1-methyl-	81	C5H7N	000096-54-8	32
4	Cyclobutane, 1,3-butadienyl-, (Z)-	108	C8H12	080344-45-2	27
5	Cyclobutane, 1-(1,3-butadienyl)-...	134	C10H14	080344-52-1	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
Data File : VD075237.D
Acq On : 30 Jan 2023 14:52
Operator : KP/SY
Sample : 01348-03
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
W-H5(31-32)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260

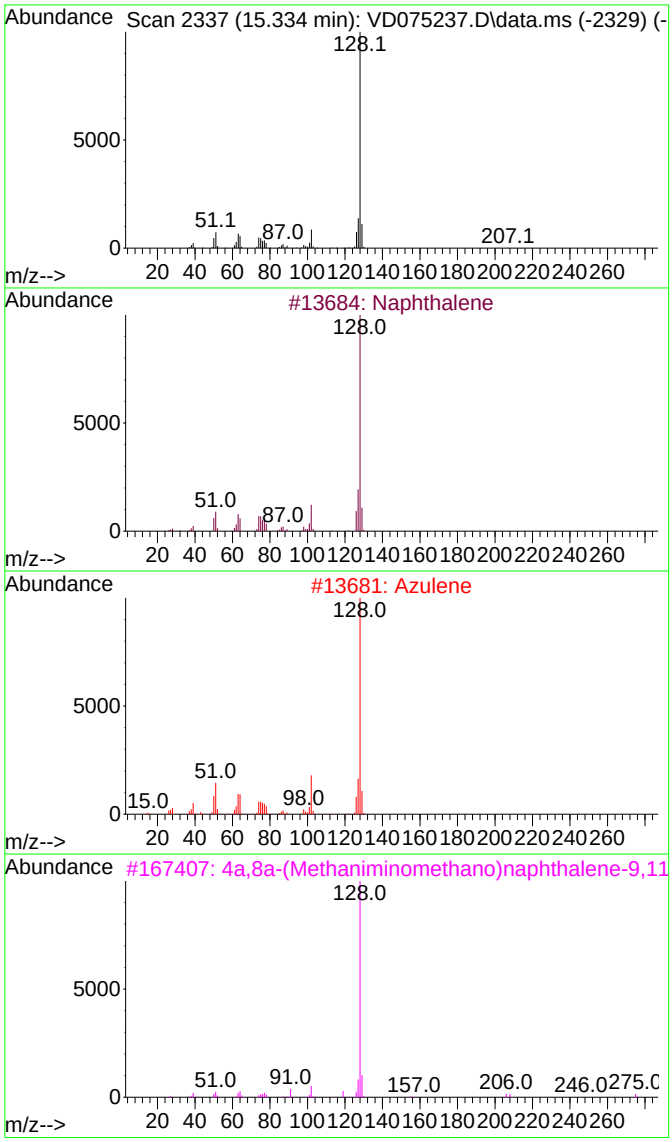
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

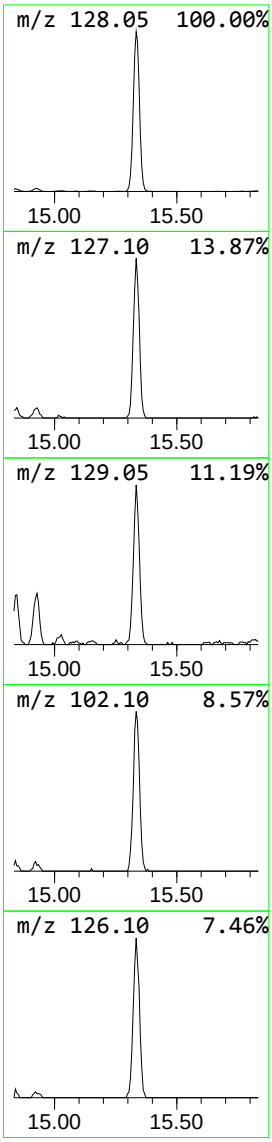
****

Peak Number 8 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.334	83.56 ug/l	567953	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	97
2	Azulene	128	C10H8	000275-51-4	91
3	4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	64
4	1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	59
5	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
Data File : VD075237.D
Acq On : 30 Jan 2023 14:52
Operator : KP/SY
Sample : 01348-03
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
W-H5(31-32)

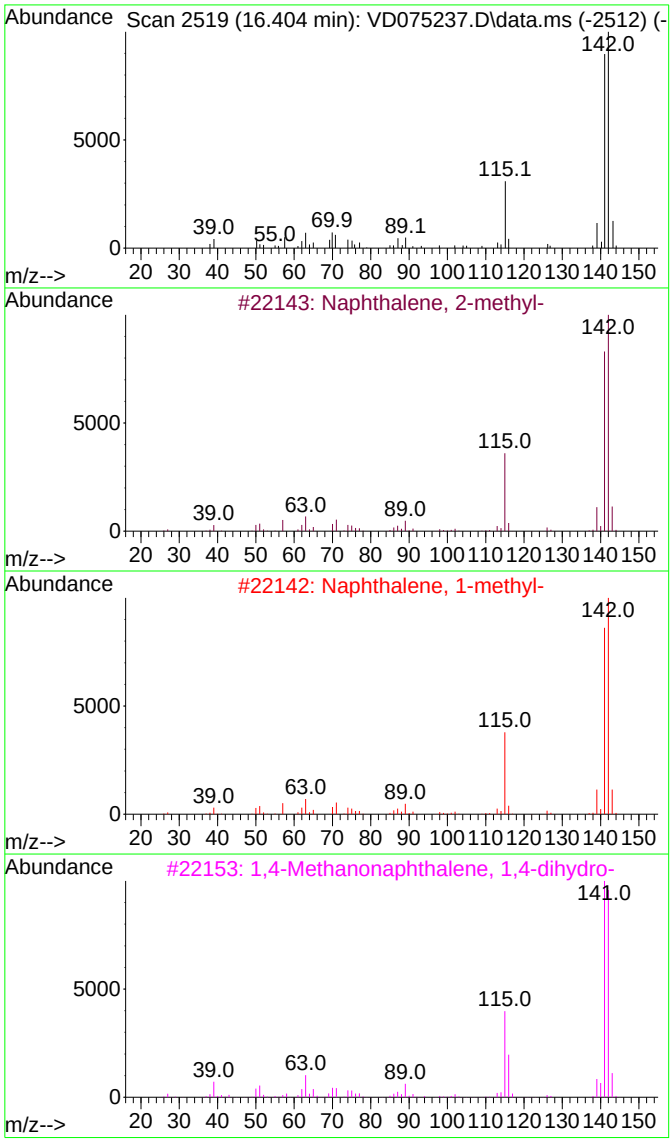
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260

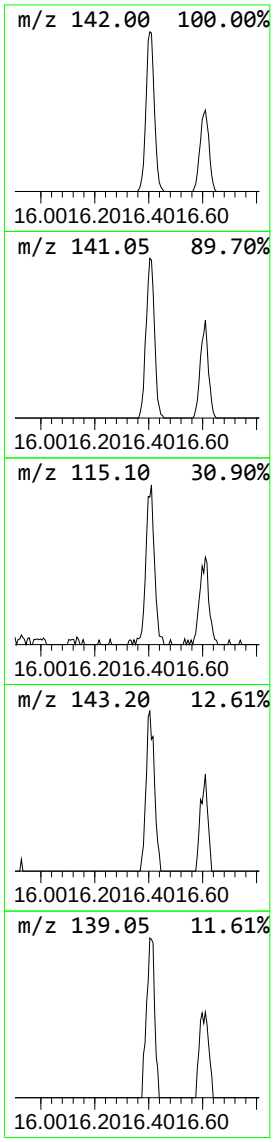
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,4-Methanonaphthalene, 1,4... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.404	17.56 ug/l	119353	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
Data File : VD075237.D
Acq On : 30 Jan 2023 14:52
Operator : KP/SY
Sample : 01348-03
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
W-H5(31-32)

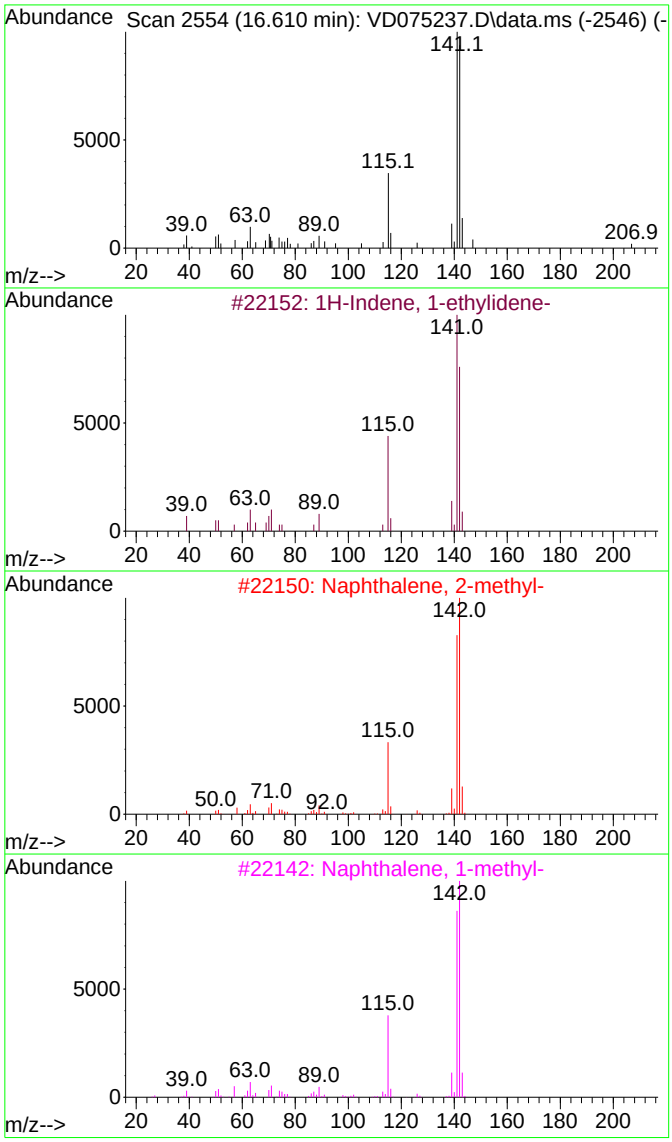
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260

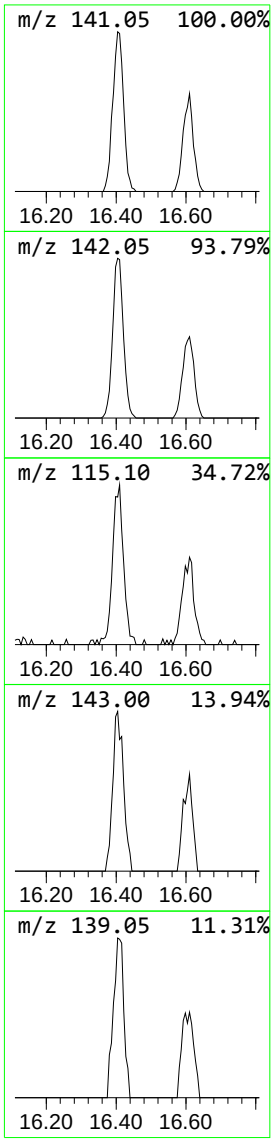
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 1-ethylidene- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.610	10.83 ug/l	73582	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
Data File : VD075237.D
Acq On : 30 Jan 2023 14:52
Operator : KP/SY
Sample : 01348-03
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
W-H5(31-32)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.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
Indene	13.904	9.9	ug/l	67028	4	13.522	339841	50.0
cis-Bicyclo[3.3...	14.493	6.9	ug/l	47186	4	13.522	339841	50.0
o-Cymene	14.769	7.5	ug/l	51283	4	13.522	339841	50.0
Cycloprop[a]ind...	14.840	8.0	ug/l	54034	4	13.522	339841	50.0
2-Methylindene	14.928	9.6	ug/l	65459	4	13.522	339841	50.0
unknown15.151	15.151	10.6	ug/l	71711	4	13.522	339841	50.0
Azulene	15.334	83.6	ug/l	567953	4	13.522	339841	50.0
1,4-Methanonaph...	16.404	17.6	ug/l	119353	4	13.522	339841	50.0
1H-Indene, 1-et...	16.610	10.8	ug/l	73582	4	13.522	339841	50.0