LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
Data File : VD077140.D
Acq On : 18 Sep 2023 20:04
Operator : JC/SY
Sample : 04436-13
Misc : 3.39G/5.0ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CPT102-23(9-9.5)

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\82D091823S.M
Title : SW846 8260

Signal : TIC: VD077140.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.740	19	26	37	rBV	1989710	3465765	100.00%	21.560%
2	4.270	443	456	471	rBV	126676	347082	10.01%	2.159%
3	4.799	534	546	564	rBV3	40078	151125	4.36%	0.940%
4	7.805	1046	1057	1063	rBV2	207363	535474	15.45%	3.331%
5	7.875	1063	1069	1078	rVV	264507	603135	17.40%	3.752%
6	8.087	1096	1105	1112	rBV4	18679	44654	1.29%	0.278%
7	8.228	1122	1129	1140	rVB	135135	310613	8.96%	1.932%
8	8.499	1169	1175	1184	rVB5	27288	66525	1.92%	0.414%
9	8.775	1212	1222	1234	rBV	528453	1076486	31.06%	6.697%
10	9.275	1295	1307	1314	rBV4	38790	107891	3.11%	0.671%
11	10.046	1430	1438	1447	rBV6	18941	45635	1.32%	0.284%
12	10.269	1468	1476	1482	rBV	872135	1592195	45.94%	9.905%
13	10.334	1482	1487	1495	rVV	299622	543408	15.68%	3.380%
14	10.440	1497	1505	1516	rVB	339423	647788	18.69%	4.030%
15	10.604	1521	1533	1539	rBV5	20004	55798	1.61%	0.347%
16	10.704	1542	1550	1557	rVB7	15524	38110	1.10%	0.237%
17	11.181	1626	1631	1636	rVB4	26961	46122	1.33%	0.287%
18	11.369	1655	1663	1670	rBV5	22493	62064	1.79%	0.386%
19	11.469	1674	1680	1684	rBV2	20652	36428	1.05%	0.227%
20	11.581	1692	1699	1711	rBV	826000	1411134	40.72%	8.778%
21	11.687	1711	1717	1723	rBV	32430	63001	1.82%	0.392%
22	11.757	1724	1729	1733	rBV	35420	60762	1.75%	0.378%
23	12.081	1778	1784	1792	rBV7	18564	53500	1.54%	0.333%
24	12.293	1815	1820	1825	rVV7	19320	42012	1.21%	0.261%
25	12.575	1862	1868	1879	rVB	580825	976107	28.16%	6.072%
26	12.763	1887	1900	1905	rBV	42079	101904	2.94%	0.634%
27	12.898	1917	1923	1928	rVB8	21607	45341	1.31%	0.282%
28	13.410	2004	2010	2014	rBV7	25138	40653	1.17%	0.253%
29	13.516	2021	2028	2037	rVB	655650	1085925	31.33%	6.755%
30	13.687	2047	2057	2059	rBV6	18137	43245	1.25%	0.269%
31	13.722	2059	2063	2067	rVB2	45343	63345	1.83%	0.394%
32	13.845	2079	2084	2088	rBV7	27902	51551	1.49%	0.321%
33	14.063	2115	2121	2126	rBV2	64295	106281	3.07%	0.661%
34	14.175	2134	2140	2145	rVV2	59172	105096	3.03%	0.654%
35	14.363	2161	2172	2173	rVV9	26762	65157	1.88%	0.405%
36	14.387	2173	2176	2183	rVB2	43478	76562	2.21%	0.476%

LSC Area Percent Report

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Operator : JC/SY
Sample : 04436-13
Misc : 3.39G/5.0ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CPT102-23(9-9.5)

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\82D091823S.M
Title : SW846 8260

37	14.469	2185	2190	2194	rBV5	27711	40954	1.18%	0.255%
38	14.657	2218	2222	2228	rBV3	37258	62680	1.81%	0.390%
39	14.775	2234	2242	2246	rBV4	88784	203130	5.86%	1.264%
40	14.816	2246	2249	2257	rVB3	74431	137247	3.96%	0.854%
41	15.034	2281	2286	2290	rVB4	43812	68828	1.99%	0.428%
42	15.151	2300	2306	2314	rVB5	47149	97688	2.82%	0.608%
43	15.304	2326	2332	2340	rVB2	79058	147426	4.25%	0.917%
44	15.445	2350	2356	2360	rBV8	28030	58329	1.68%	0.363%
45	15.634	2380	2388	2394	rBV9	38735	104923	3.03%	0.653%
46	15.710	2396	2401	2405	rVB5	37014	66244	1.91%	0.412%
47	15.987	2443	2448	2454	rBV8	22570	48120	1.39%	0.299%
48	16.139	2469	2474	2479	rBV8	24153	41213	1.19%	0.256%
49	16.263	2490	2495	2499	rBV4	40402	71076	2.05%	0.442%
50	16.404	2513	2519	2530	rVB	162141	345193	9.96%	2.147%
51	16.604	2545	2553	2568	rVB	169337	414299	11.95%	2.577%

Sum of corrected areas: 16075224

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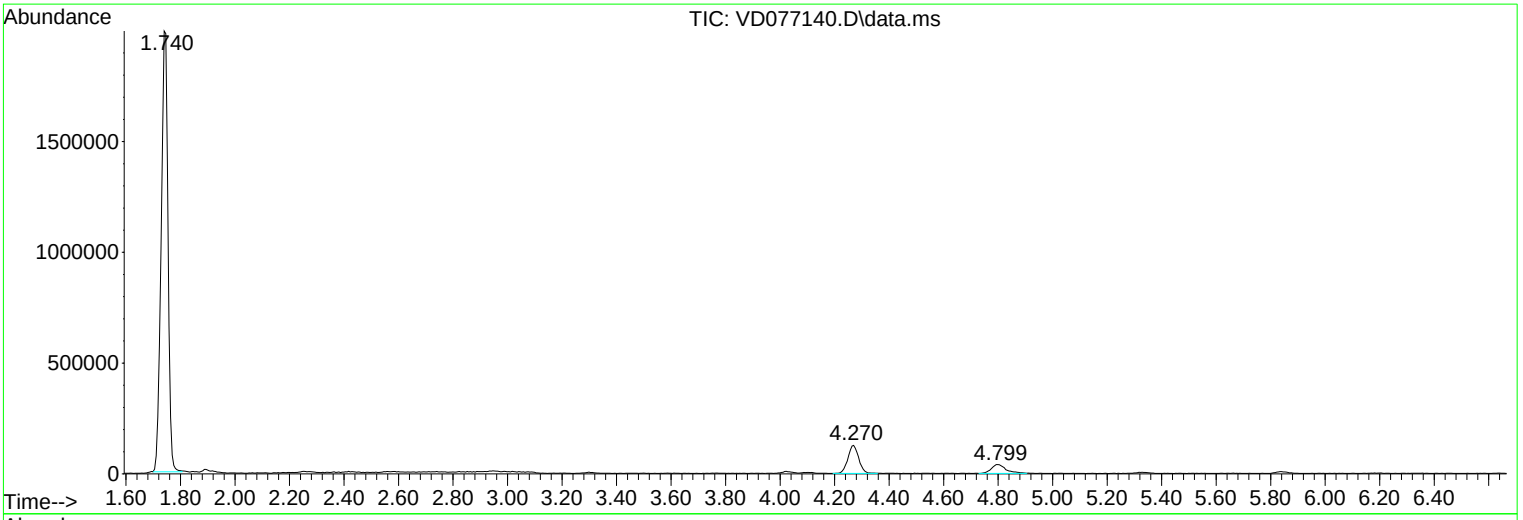
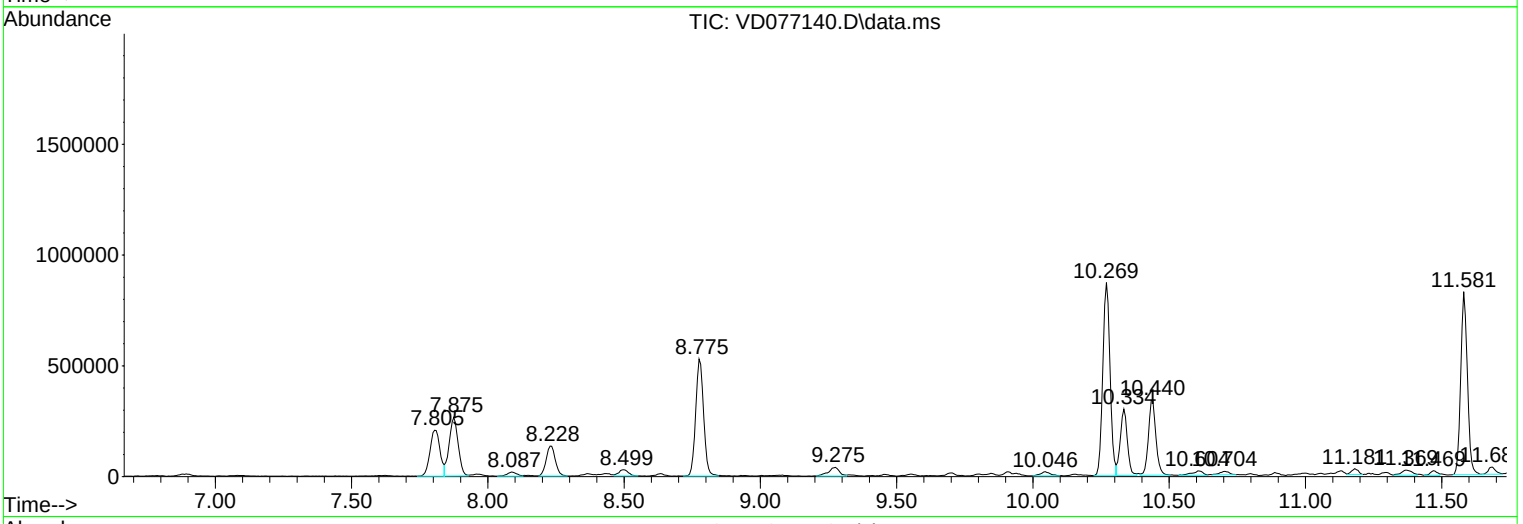
Sample : 04436-13
Misc : 3.39G/5.0ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

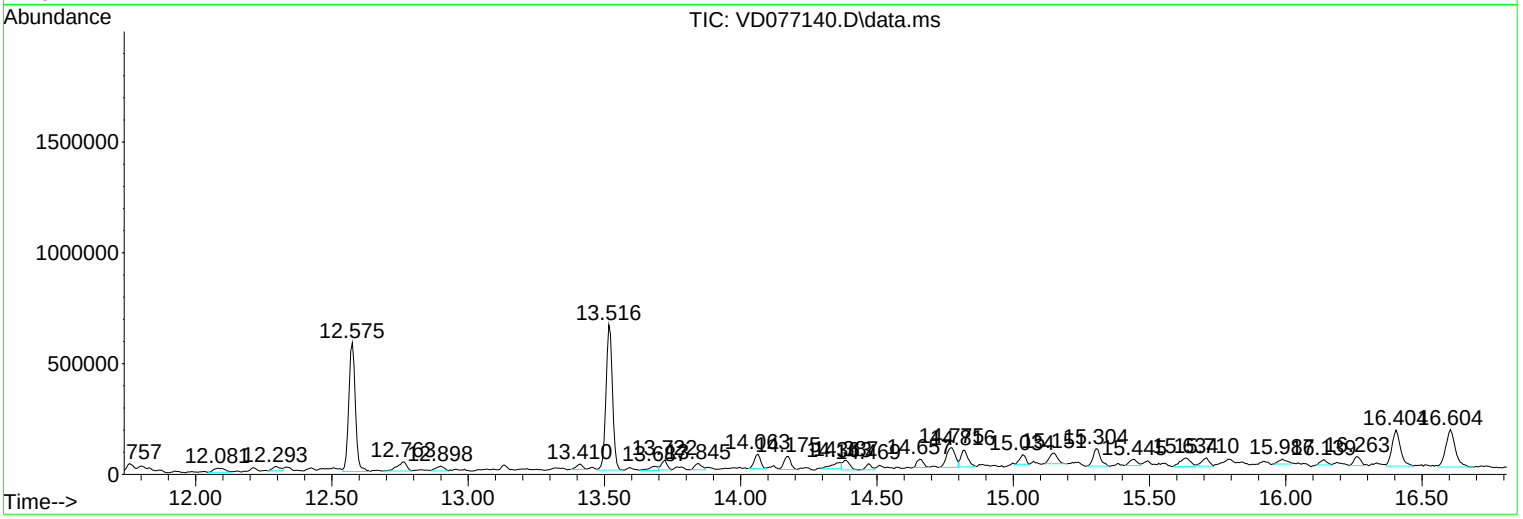
Instrument :
MSVOA_D
ClientSampleId :
CPT102-23(9-9.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
Data File : VD077140.D
Acq On : 18 Sep 2023 20:04
Operator : JC/SY
Sample : 04436-13
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ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CPT102-23(9-9.5)

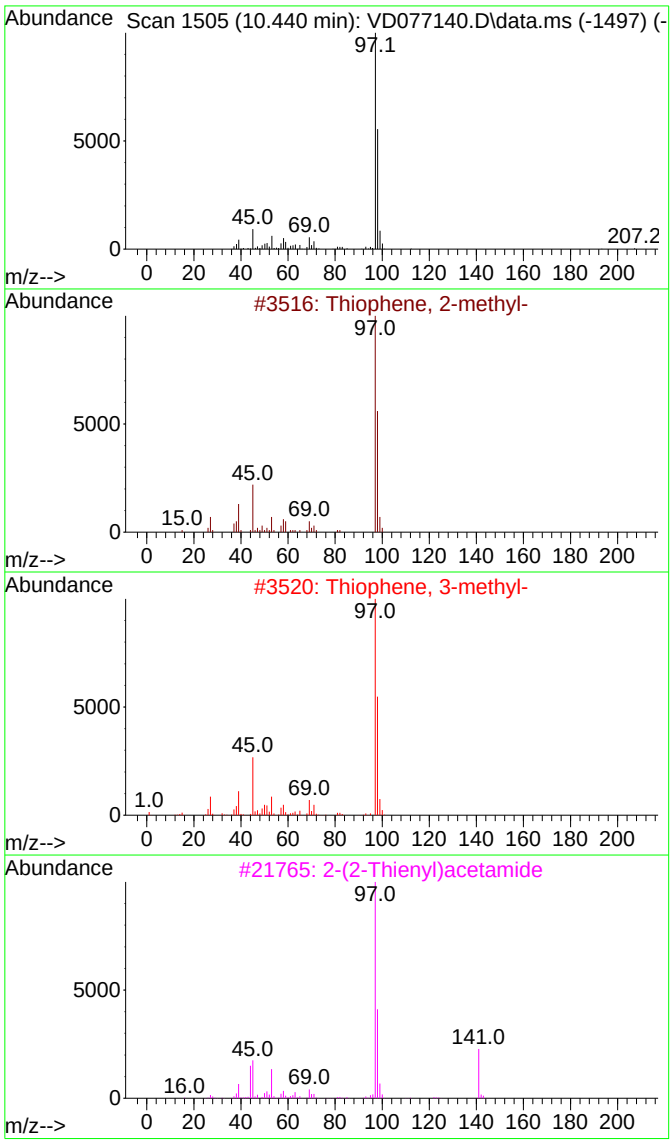
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260

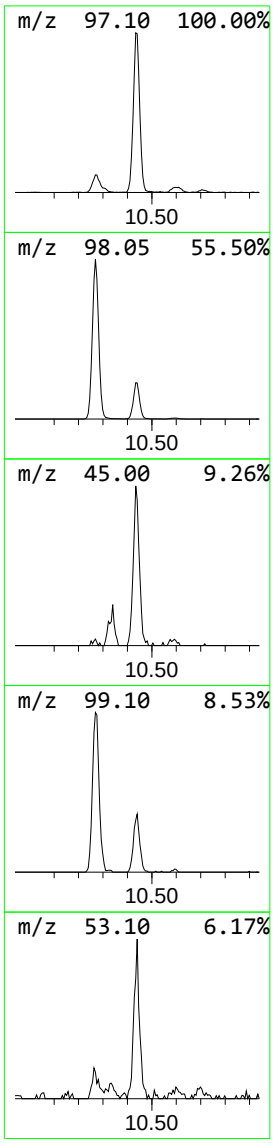
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Thiophene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.440	22.95 ug/l	647788	Chlorobenzene-d5	11.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91
2	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
3	2-(2-Thienyl)acetamide	141	C6H7NOS	004461-29-4	78
4	3-Butylthiophene	140	C8H12S	034722-01-5	64
5	Thiophene, 2-(3-methylbutyl)-	154	C9H14S	026963-33-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
Data File : VD077140.D
Acq On : 18 Sep 2023 20:04
Operator : JC/SY
Sample : 04436-13
Misc : 3.39G/5.0ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CPT102-23(9-9.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260

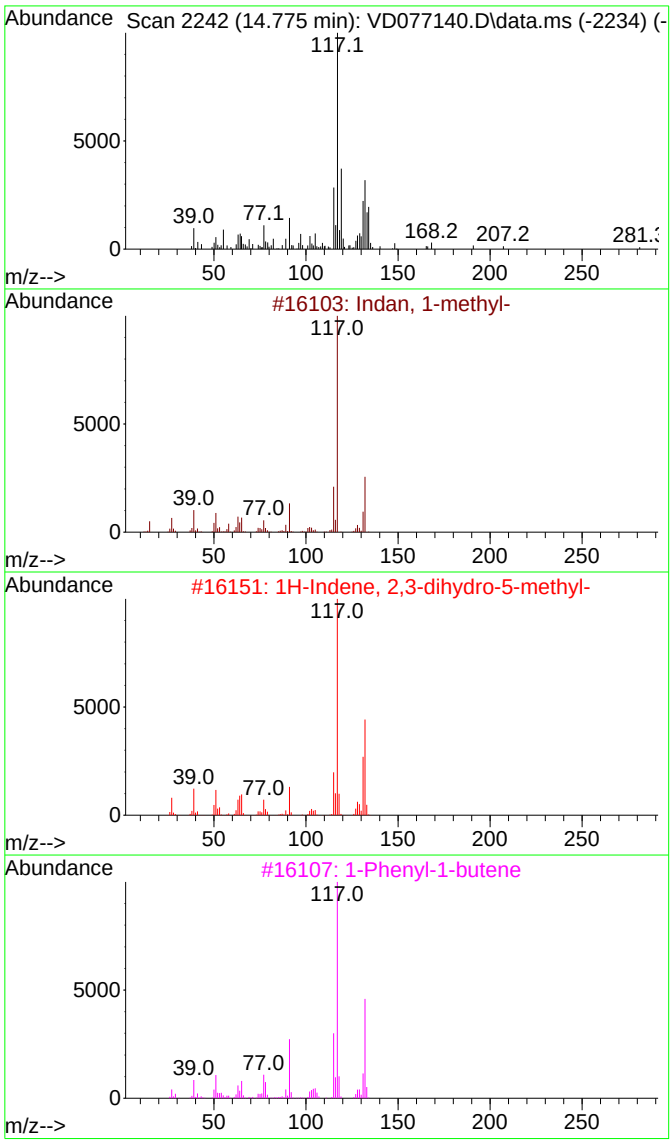
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

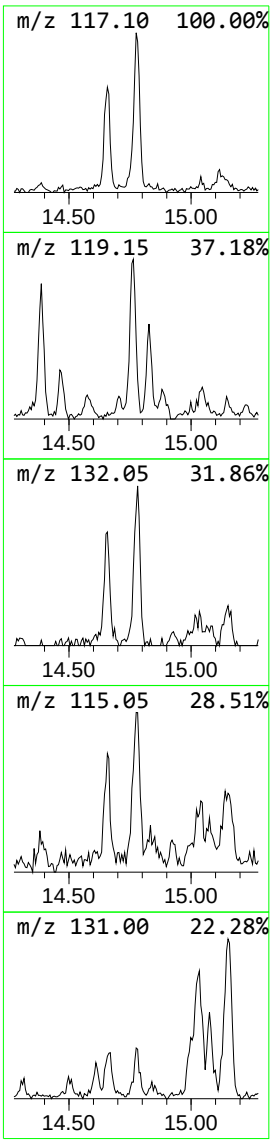
****

Peak Number 3 Indan, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.775	9.35 ug/l	203130	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	64
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	62
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	62
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	62
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
Data File : VD077140.D
Acq On : 18 Sep 2023 20:04
Operator : JC/SY
Sample : 04436-13
Misc : 3.39G/5.0ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CPT102-23(9-9.5)

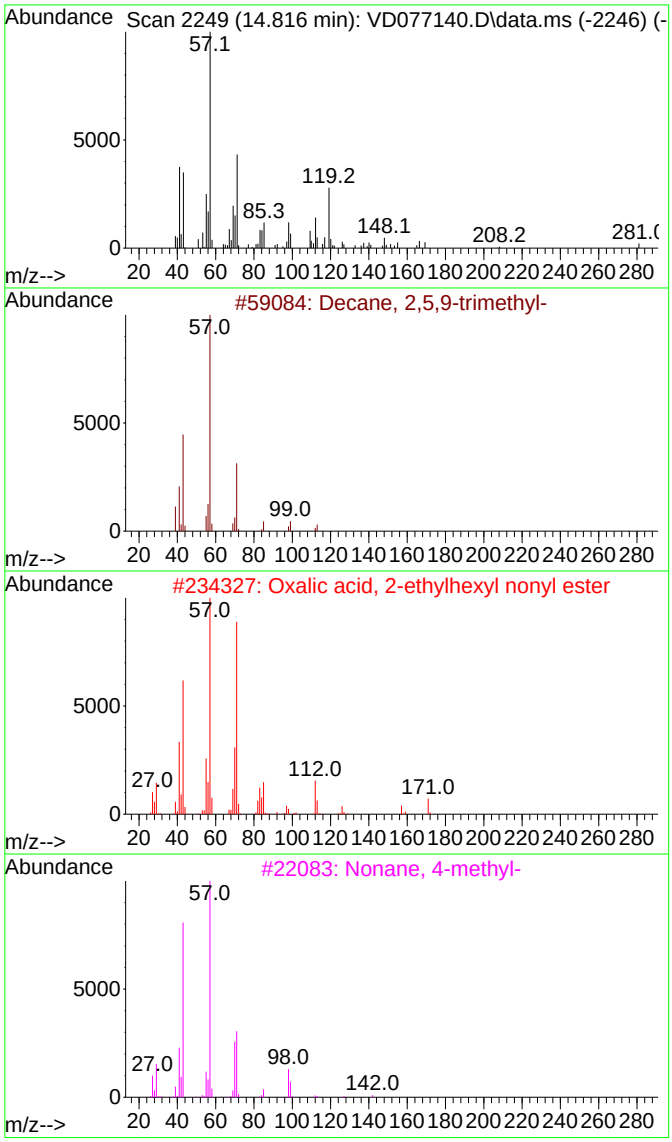
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260

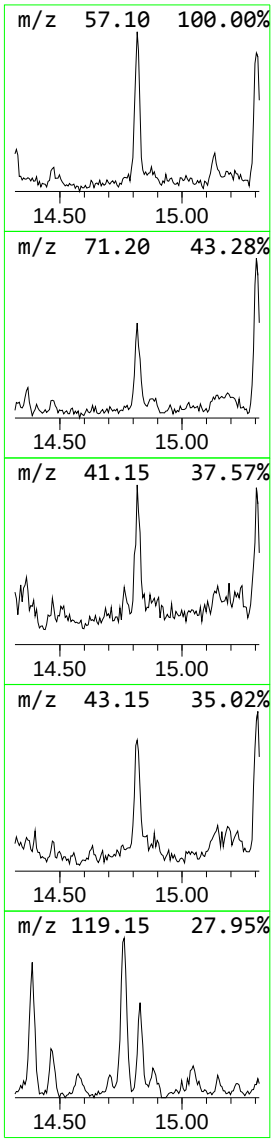
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Decane, 2,5,9-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.816	6.32 ug/l	137247	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	50
2	Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	43
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	43
4	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	43
5	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
Data File : VD077140.D
Acq On : 18 Sep 2023 20:04
Operator : JC/SY
Sample : 04436-13
Misc : 3.39G/5.0ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CPT102-23(9-9.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260

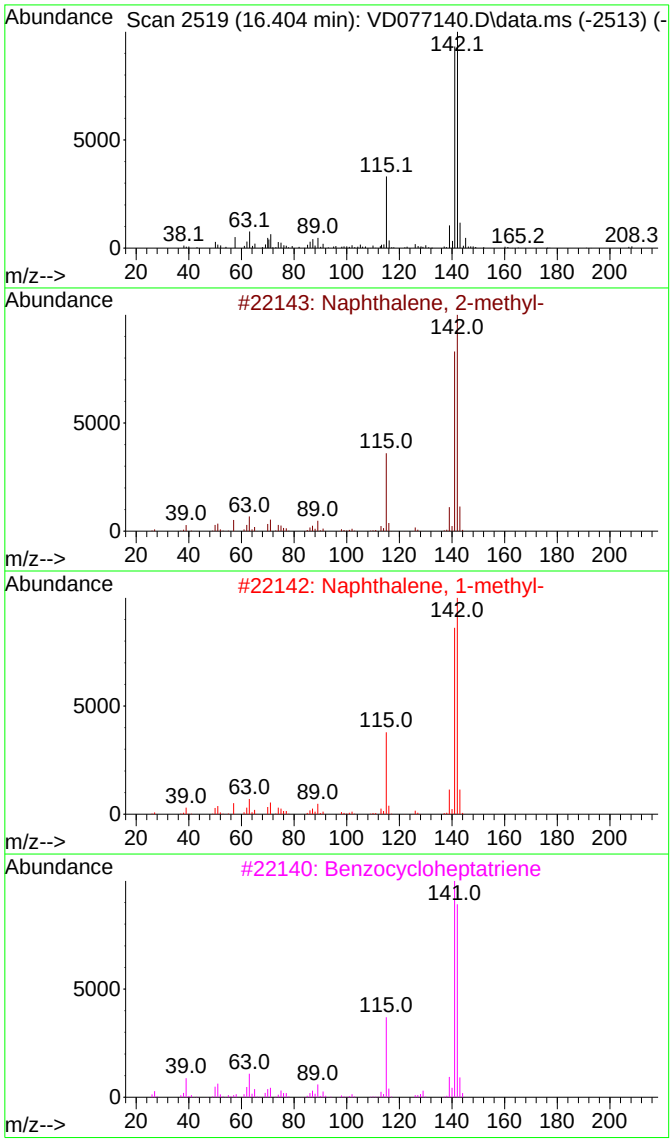
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

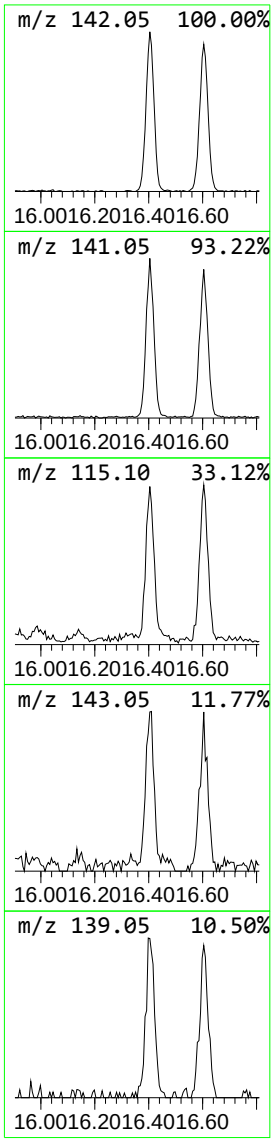
****

Peak Number 5 Naphthalene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.404	15.89 ug/l	345193	1,4-Dichlorobenzene-d4	13.516

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	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	90





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ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CPT102-23(9-9.5)

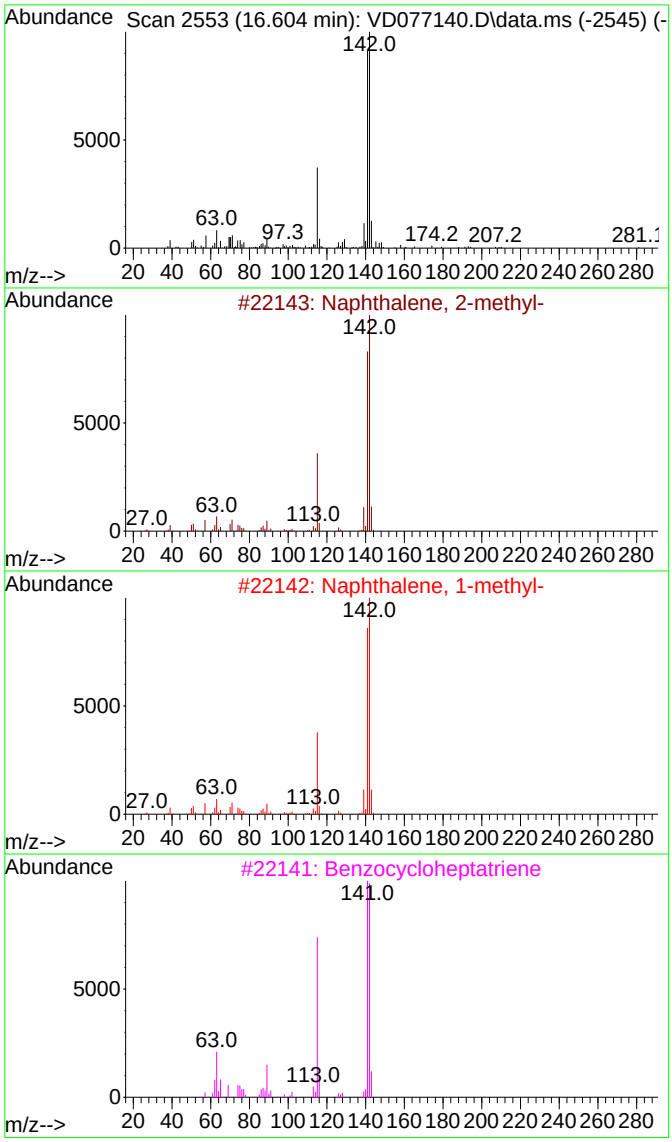
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260

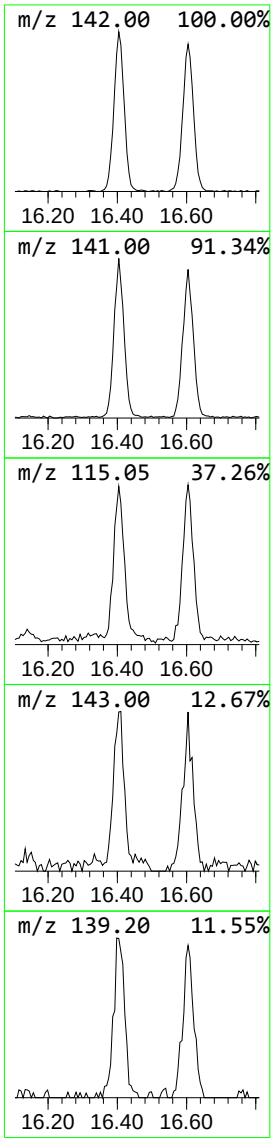
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.604	19.08 ug/l	414299	1,4-Dichlorobenzene-d4	13.516

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	95
3	Benzocycloheptatriene	142	C11H10	000264-09-5	93
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
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ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CPT102-23(9-9.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.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
Thiophene, 2-me...	10.440	22.9	ug/l	647788	3	11.581	1411130	50.0
Indan, 1-methyl-	14.775	9.3	ug/l	203130	4	13.516	1085930	50.0
Decane, 2,5,9-t...	14.816	6.3	ug/l	137247	4	13.516	1085930	50.0
Naphthalene, 2-...	16.404	15.9	ug/l	345193	4	13.516	1085930	50.0
Naphthalene, 1-...	16.604	19.1	ug/l	414299	4	13.516	1085930	50.0