LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
Data File : VD077934.D
Acq On : 16 Dec 2023 15:23
Operator : RP/MD
Sample : 05862-10
Misc : 5.02G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-SOLIDS-20231213-01

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\82D120823S.M
Title : SW846 8260

Signal : TIC: VD077934.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	36	rVB	112124	193252	7.14%	3.444%
2	7.875	1062	1069	1077	rVB3	13760	32193	1.19%	0.574%
3	8.775	1216	1222	1229	rVB2	20993	39729	1.47%	0.708%
4	10.269	1469	1476	1487	rVB	29997	59231	2.19%	1.056%
5	11.581	1691	1699	1710	rVB2	30309	57304	2.12%	1.021%
6	11.681	1710	1716	1723	rVB	21347	39504	1.46%	0.704%
7	11.787	1726	1734	1744	rVV3	17940	37363	1.38%	0.666%
8	12.569	1862	1867	1875	rVB3	25737	41990	1.55%	0.748%
9	12.828	1904	1911	1913	rBV2	28141	44586	1.65%	0.795%
10	12.857	1913	1916	1920	rVV2	23296	35801	1.32%	0.638%
11	13.210	1967	1976	1981	rBV	48930	86000	3.18%	1.533%
12	13.516	2022	2028	2031	rBV2	33500	59256	2.19%	1.056%
13	13.545	2031	2033	2037	rVV	22726	32459	1.20%	0.578%
14	13.716	2051	2062	2074	rBV	264693	491438	18.17%	8.758%
15	13.898	2087	2093	2099	rVB2	30489	54005	2.00%	0.962%
16	14.057	2115	2120	2126	rBV	25958	40643	1.50%	0.724%
17	14.651	2216	2221	2227	rBV2	47179	77720	2.87%	1.385%
18	14.769	2233	2241	2247	rBV3	30644	70753	2.62%	1.261%
19	14.840	2247	2253	2258	rVV	66684	116487	4.31%	2.076%
20	14.922	2260	2267	2277	rVB	127236	223138	8.25%	3.977%
21	15.016	2277	2283	2293	rBV7	17368	39273	1.45%	0.700%
22	15.328	2328	2336	2347	rVB	1613785	2704833	100.00%	48.206%
23	15.428	2347	2353	2359	rBV2	23365	46160	1.71%	0.823%
24	16.398	2510	2518	2527	rVB	295122	597057	22.07%	10.641%
25	16.598	2544	2552	2563	rVB	176860	390826	14.45%	6.965%

Sum of corrected areas: 5611001

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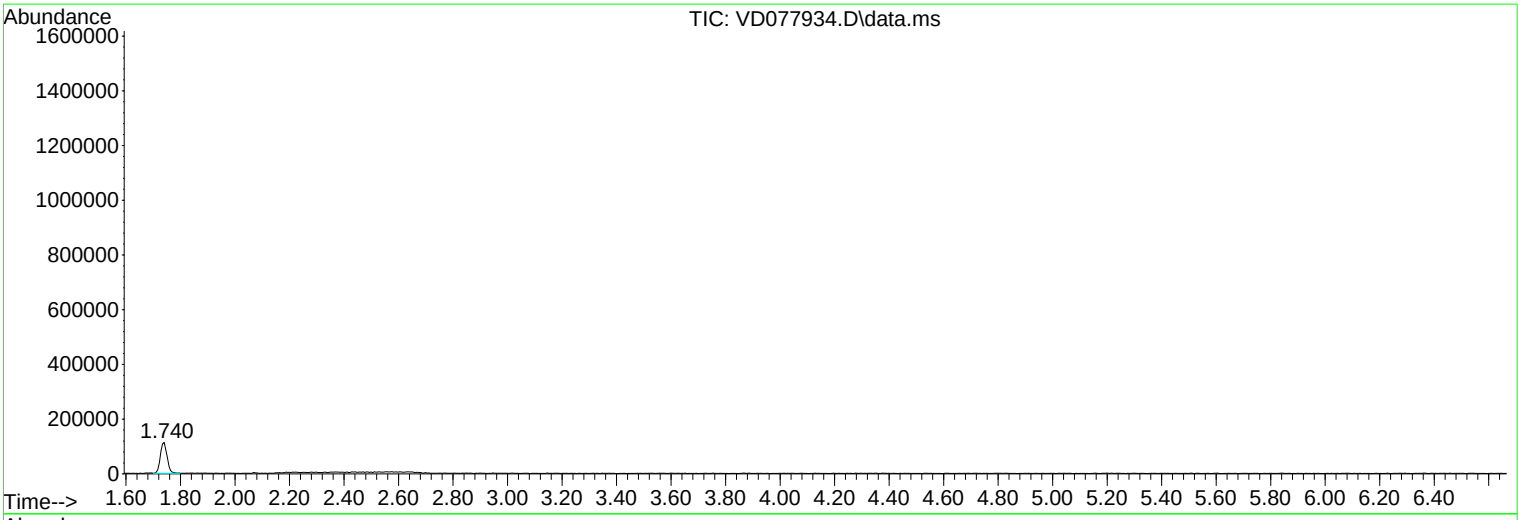
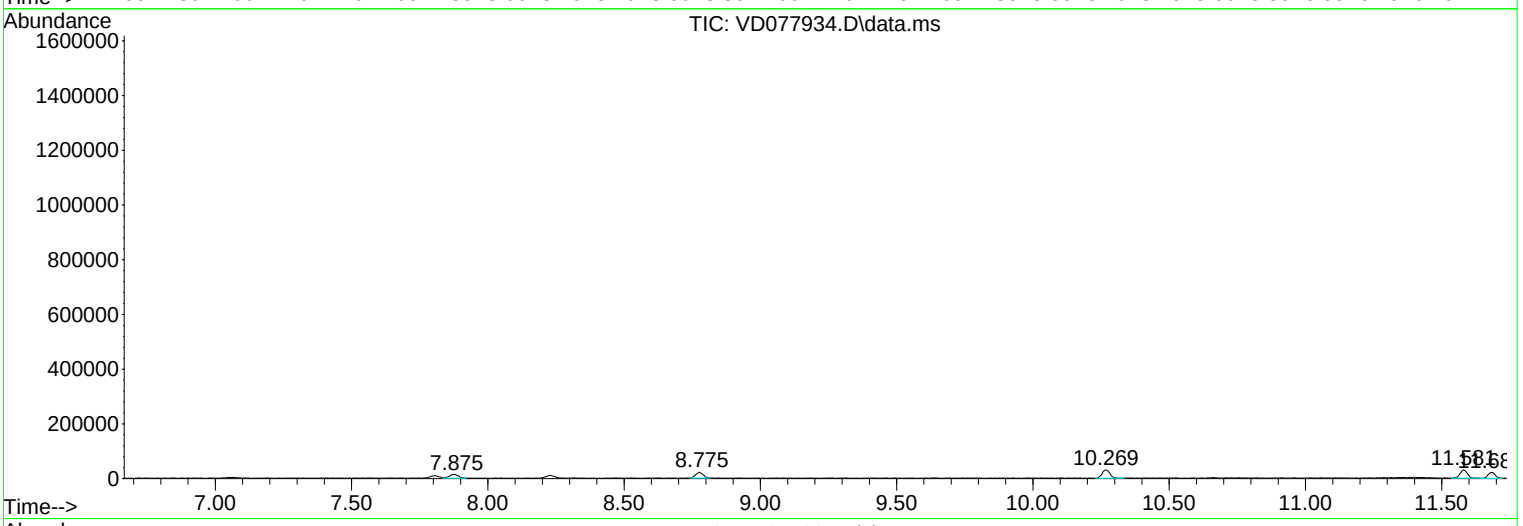
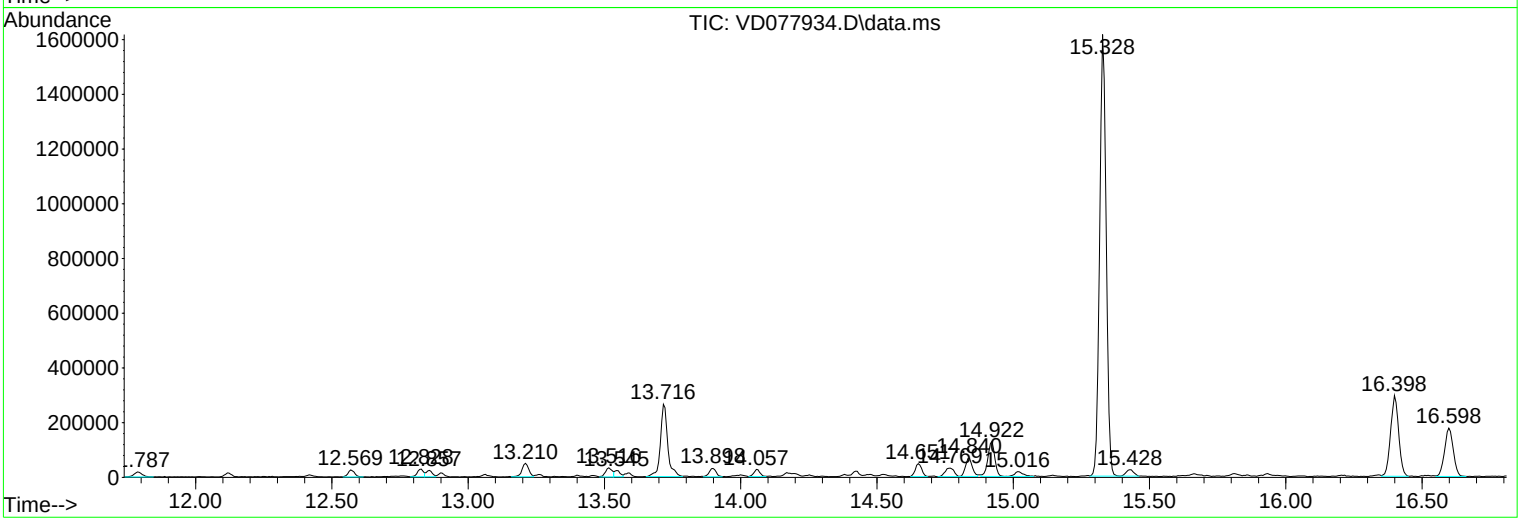
ClientSampleId :
WC-SOLIDS-20231213-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

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







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Data File : VD077934.D
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TIC Library : C:\Database\NIST20.L
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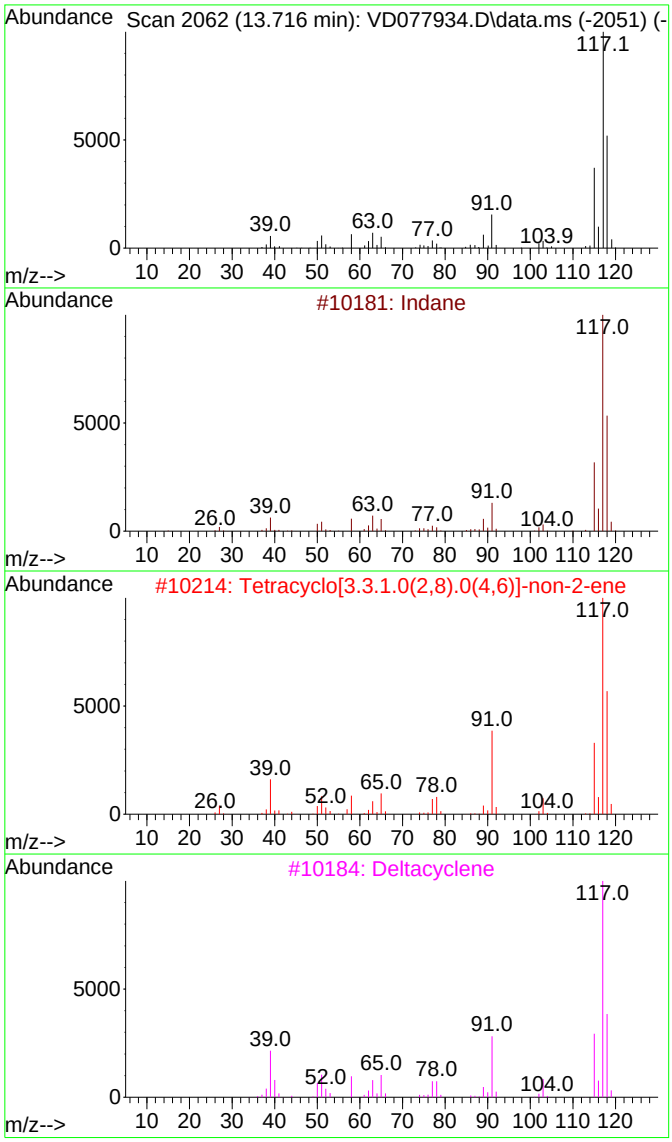
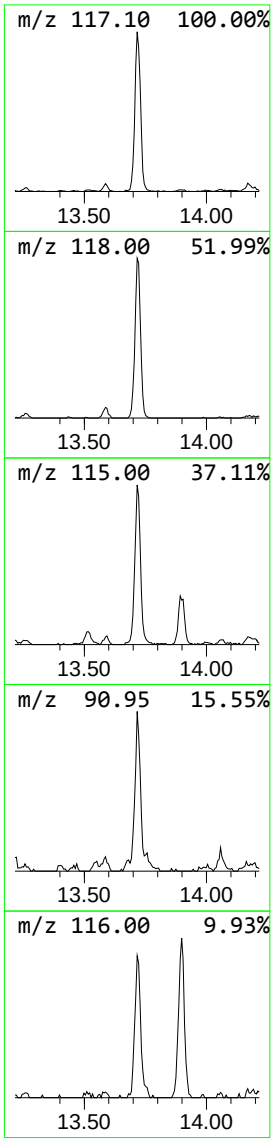
****

Peak Number 2 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	414.67 ug/l	491438	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
3	Deltacyclene	118	C9H10	007785-10-6	80
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
Data File : VD077934.D
Acq On : 16 Dec 2023 15:23
Operator : RP/MD
Sample : 05862-10
Misc : 5.02G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-SOLIDS-20231213-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

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

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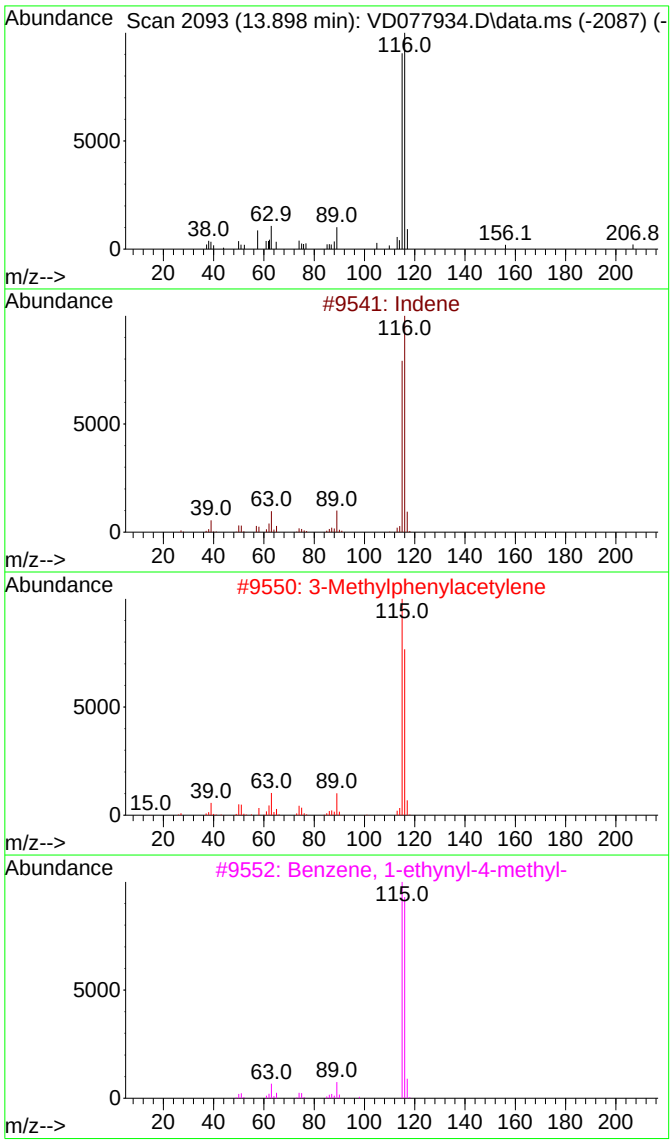
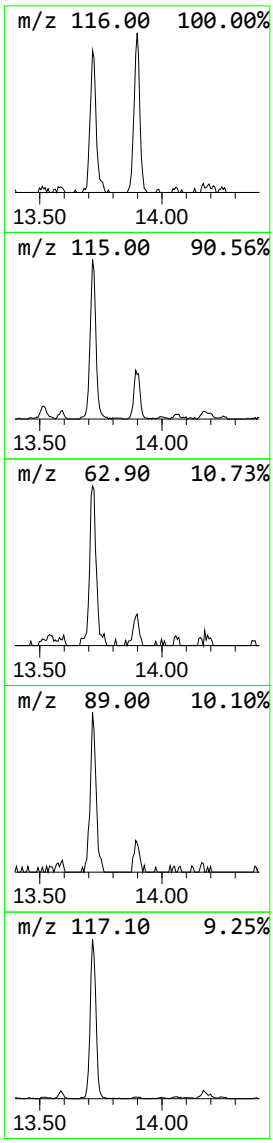
Peak Number 3 Indene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	45.57 ug/l	54005	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	91
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	86
4	1-Phenyl-1-pentyn-4-ol	160	C11H12O	016330-23-7	78
5	6-Phenyl-5-hexyn-3-ol	174	C12H14O	135663-98-8	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
Data File : VD077934.D
Acq On : 16 Dec 2023 15:23
Operator : RP/MD
Sample : 05862-10
Misc : 5.02G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-SOLIDS-20231213-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

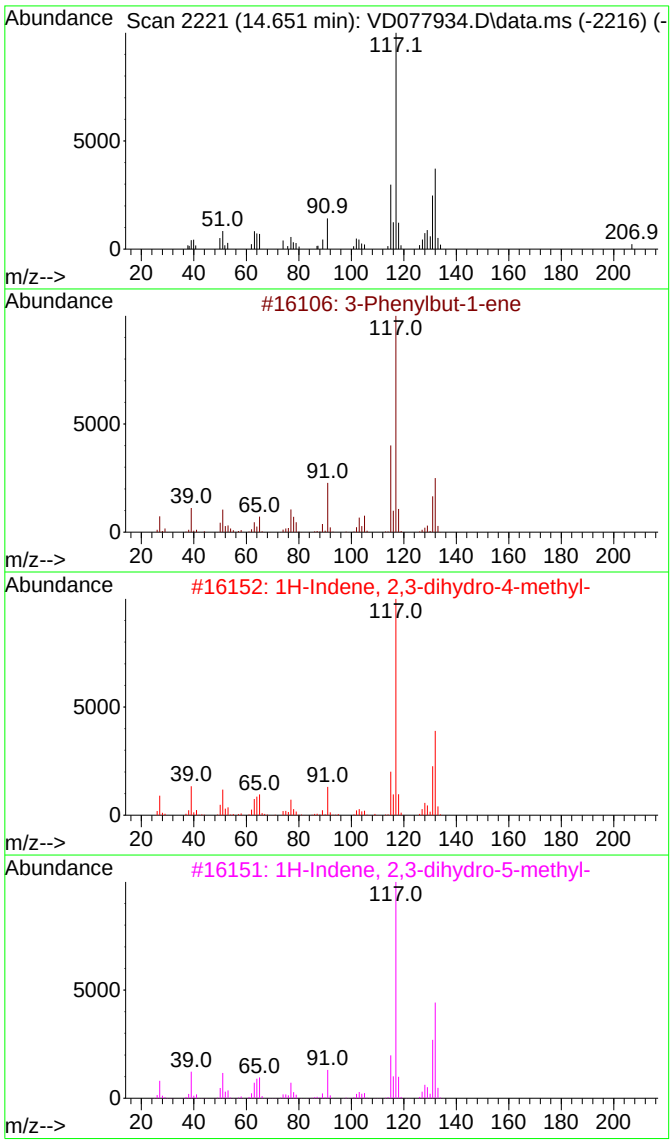
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

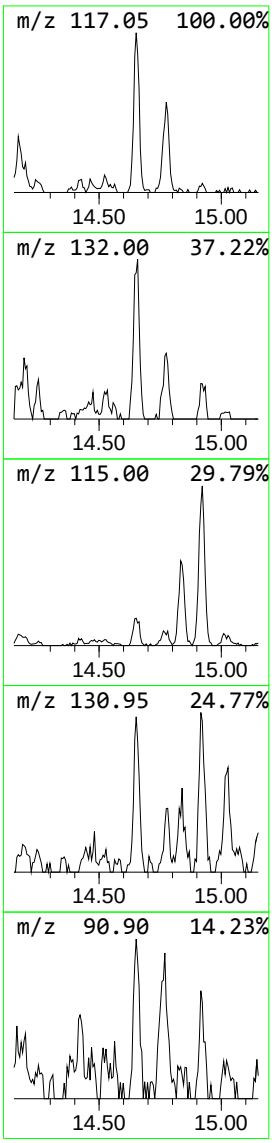
****

Peak Number 4 3-Phenylbut-1-ene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.651	65.58 ug/l	77720	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
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	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
Data File : VD077934.D
Acq On : 16 Dec 2023 15:23
Operator : RP/MD
Sample : 05862-10
Misc : 5.02G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-SOLIDS-20231213-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

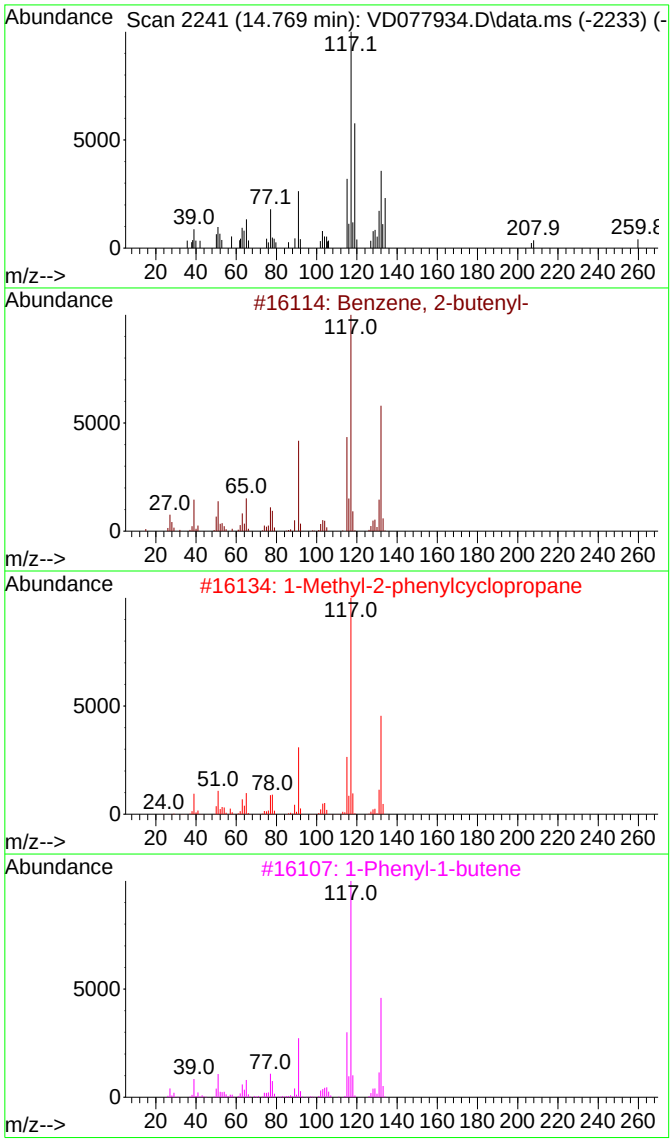
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

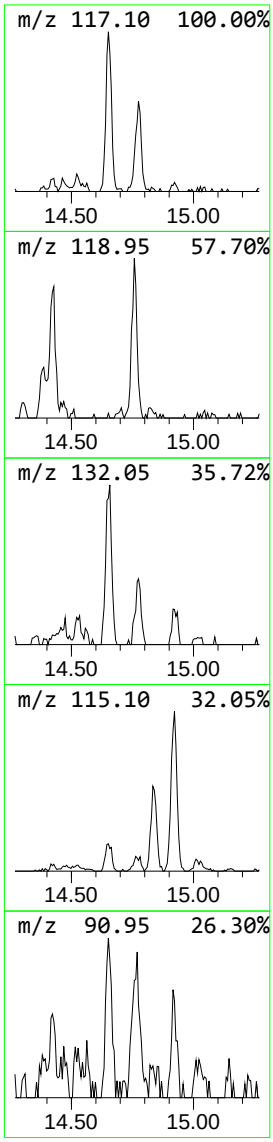
****

Peak Number 5 Benzene, 2-butenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.769	59.70 ug/l	70753	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	60
2	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	60
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	60
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	60
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
Data File : VD077934.D
Acq On : 16 Dec 2023 15:23
Operator : RP/MD
Sample : 05862-10
Misc : 5.02G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-SOLIDS-20231213-01

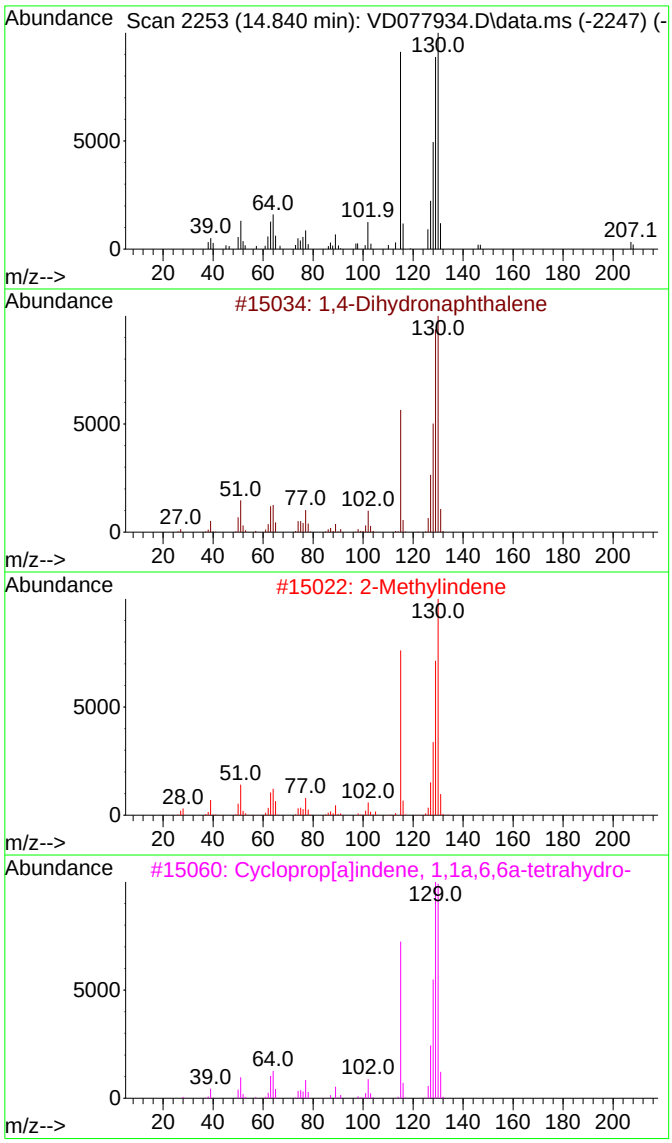
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

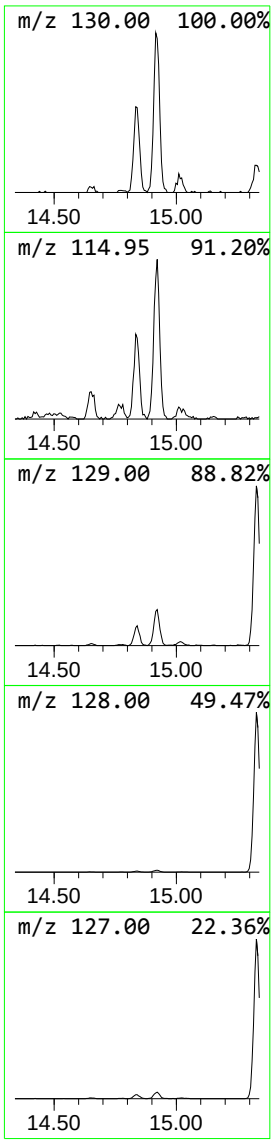
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,4-Dihydronaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.839	98.29 ug/l	116487	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
2	2-Methylindene	130	C10H10	002177-47-1	94
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	92
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	91
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
Data File : VD077934.D
Acq On : 16 Dec 2023 15:23
Operator : RP/MD
Sample : 05862-10
Misc : 5.02G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-SOLIDS-20231213-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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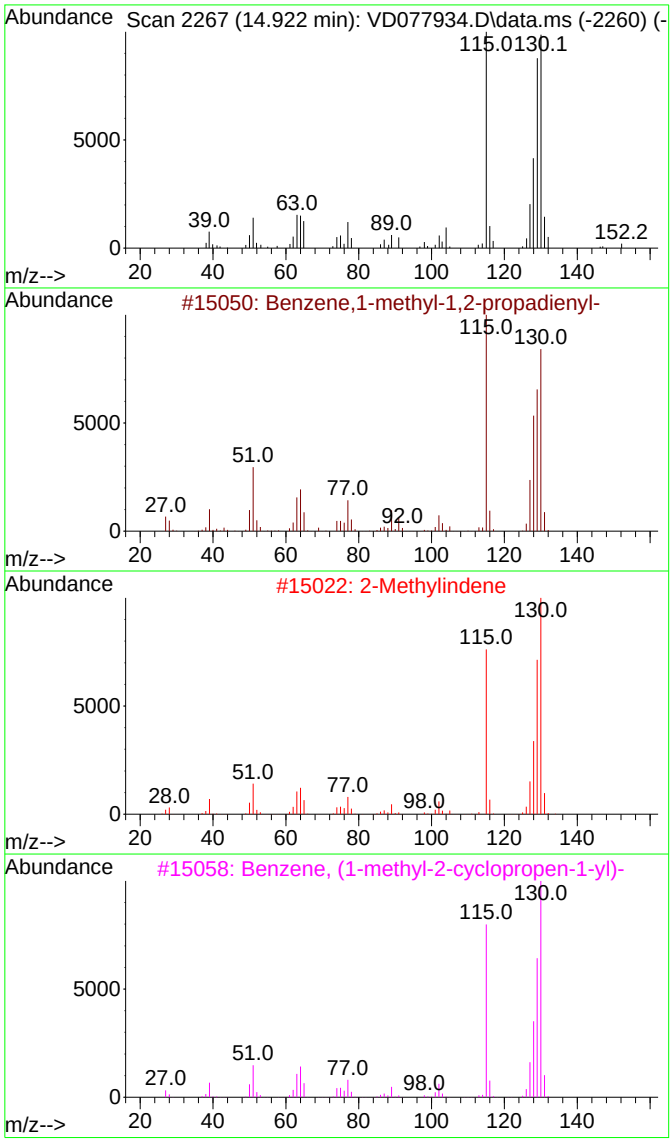
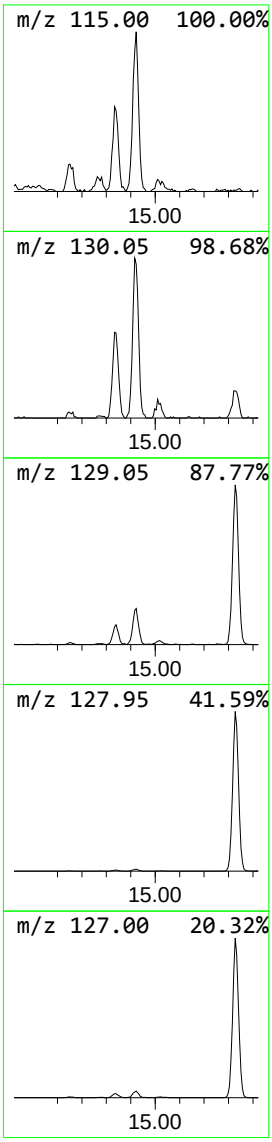
****
Peak Number 7 Benzene,1-methyl-1,2-propad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.922	188.28 ug/l	223138	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
2	2-Methylindene	130	C10H10	002177-47-1	94
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93
5	2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
Data File : VD077934.D
Acq On : 16 Dec 2023 15:23
Operator : RP/MD
Sample : 05862-10
Misc : 5.02G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-SOLIDS-20231213-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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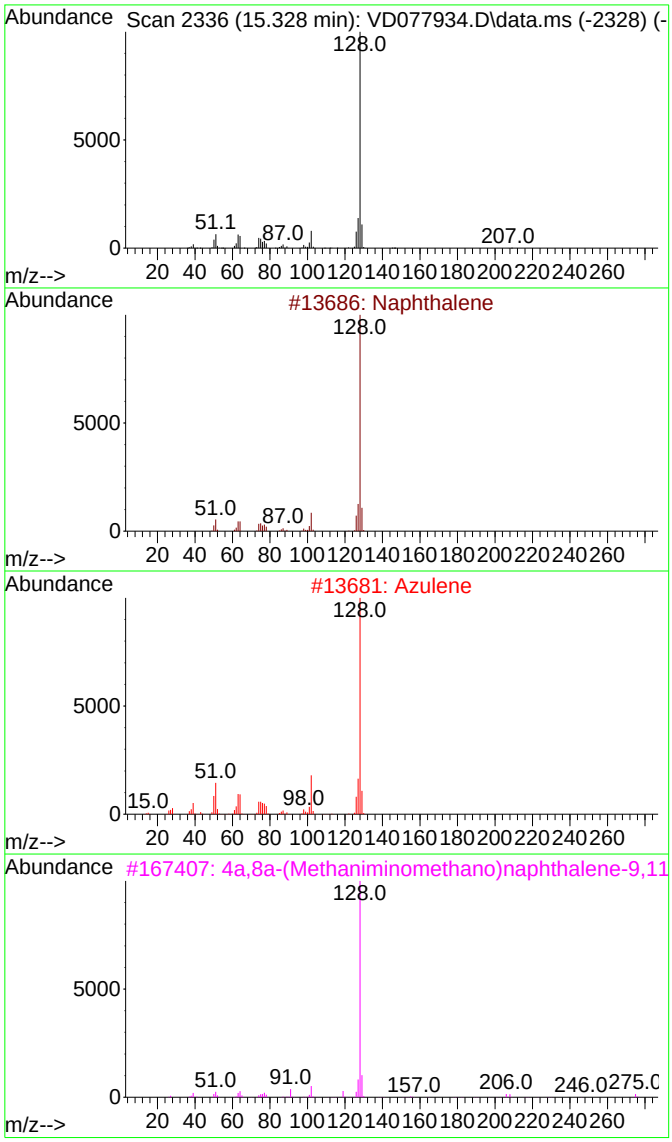
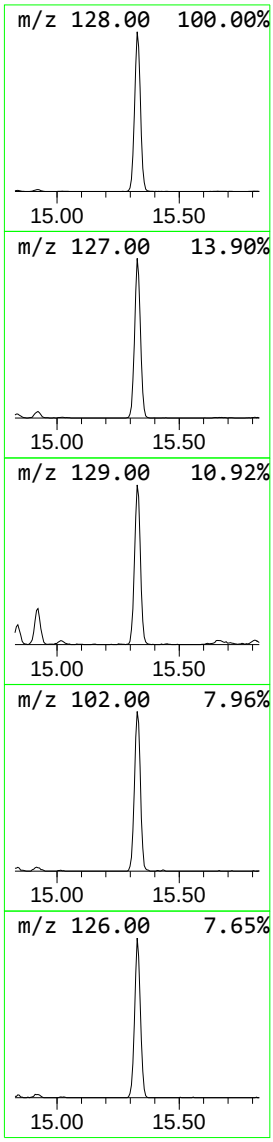
****

Peak Number 8 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.328	2282.33 ug/l	2704830	1,4-Dichlorobenzene-d4	13.516

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	4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	78
4	m-Fluorothiophenol	128	C6H5FS	002557-77-9	72
5	1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	59





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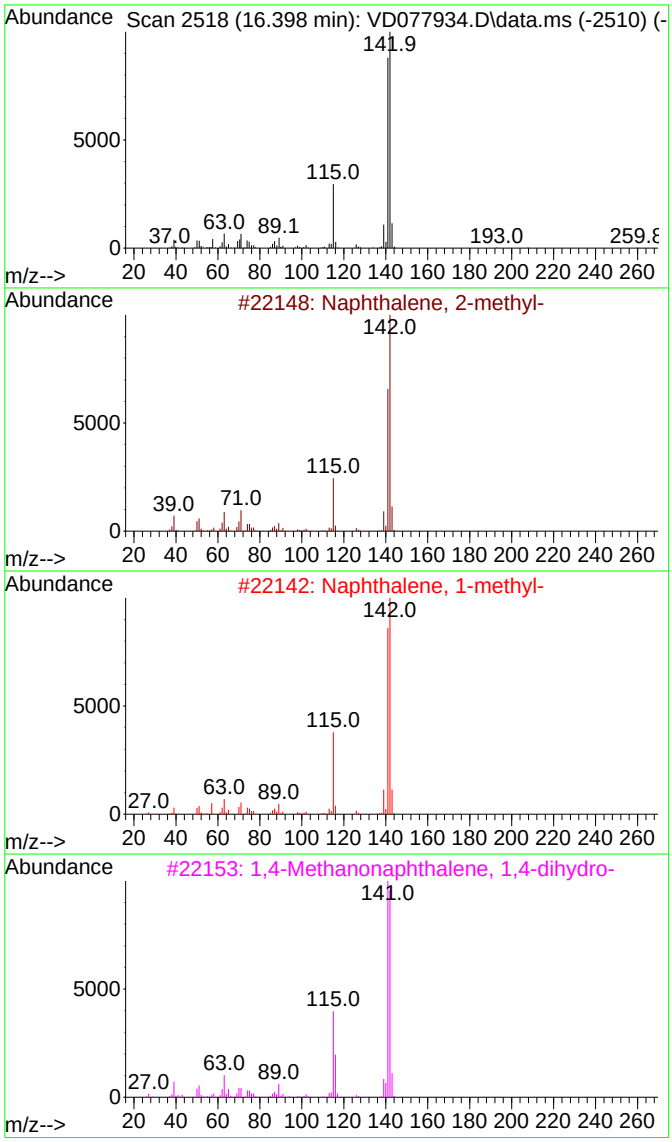
Quant Title : SW846 8260

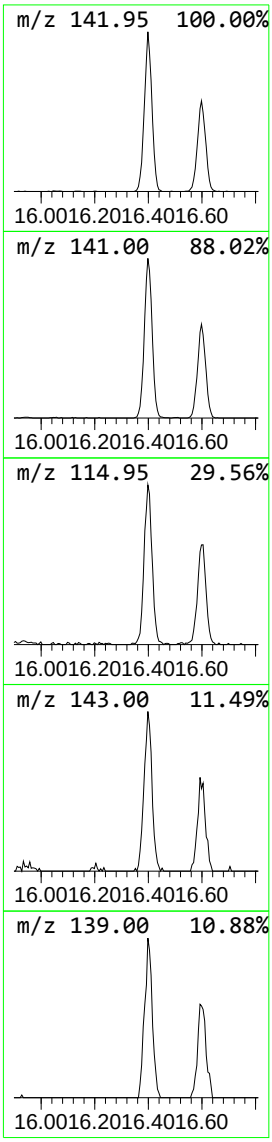
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,4-Methanonaphthalene, 1,4... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.398	503.80 ug/l	597057	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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
Data File : VD077934.D
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Operator : RP/MD
Sample : 05862-10
Misc : 5.02G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-SOLIDS-20231213-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

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

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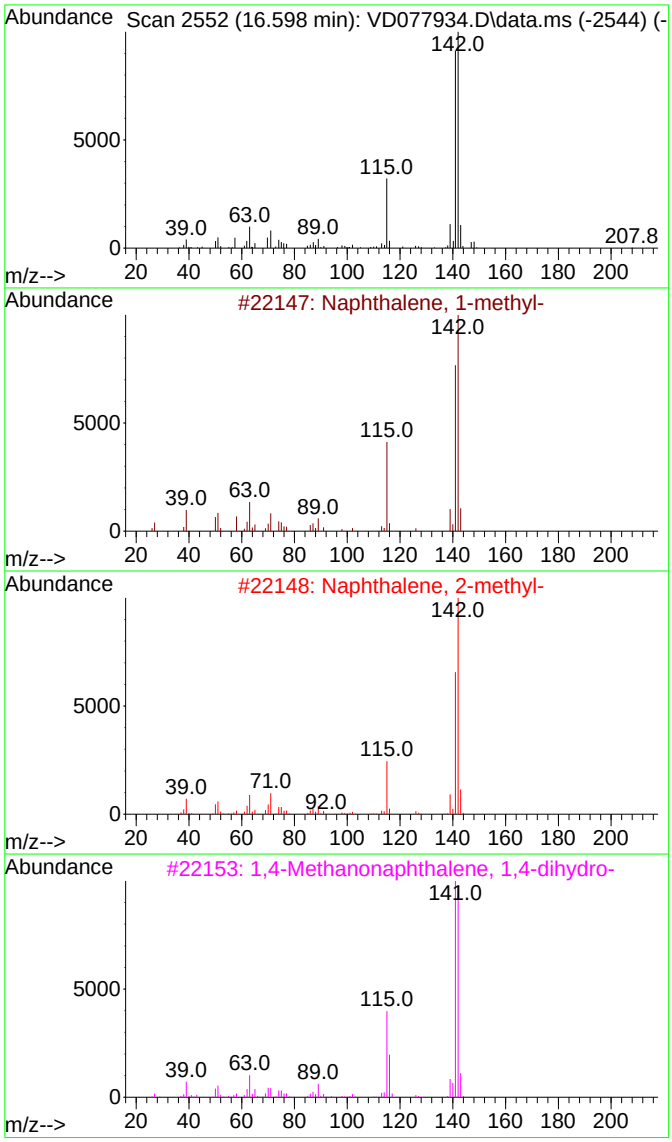
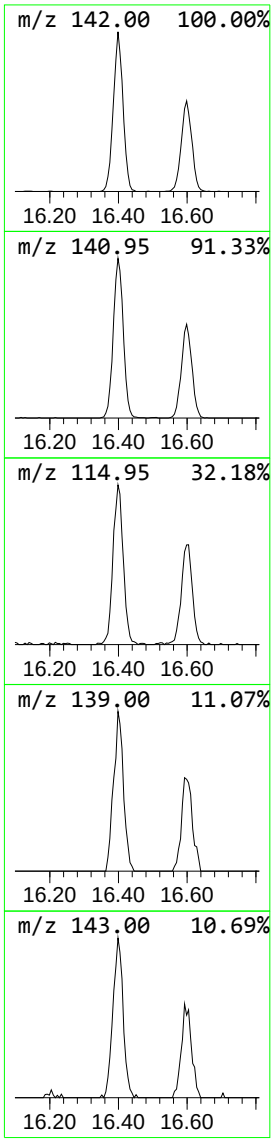
Peak Number 10 Benzocycloheptatriene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.598	329.78 ug/l	390826	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
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	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
Data File : VD077934.D
Acq On : 16 Dec 2023 15:23
Operator : RP/MD
Sample : 05862-10
Misc : 5.02G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-SOLIDS-20231213-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.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
Indane	13.716	414.7	ug/l	491438	4	13.516	59256	50.0
Indene	13.898	45.6	ug/l	54005	4	13.516	59256	50.0
3-Phenylbut-1-ene	14.651	65.6	ug/l	77720	4	13.516	59256	50.0
Benzene, 2-bute...	14.769	59.7	ug/l	70753	4	13.516	59256	50.0
1,4-Dihydronaph...	14.839	98.3	ug/l	116487	4	13.516	59256	50.0
Benzene,1-methy...	14.922	188.3	ug/l	223138	4	13.516	59256	50.0
Azulene	15.328	2282.3	ug/l	2704830	4	13.516	59256	50.0
1,4-Methanonaph...	16.398	503.8	ug/l	597057	4	13.516	59256	50.0
Benzocyclohepta...	16.598	329.8	ug/l	390826	4	13.516	59256	50.0