LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
Data File : VD079553.D
Acq On : 02 Aug 2024 20:17
Operator : RP/MD
Sample : P3417-01
Misc : 5.09G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-06-073124

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\82D072924S.M
Title : SW846 8260

Signal : TIC: VD079553.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.687	12	17	20	rBV	6366	9904	1.04%	0.133%
2	1.740	20	26	40	rVB	588265	948879	100.00%	12.709%
3	4.799	534	546	555	rBV6	13567	43424	4.58%	0.582%
4	5.846	721	724	733	rVB4	7405	13446	1.42%	0.180%
5	7.805	1047	1057	1063	rBV2	146841	358306	37.76%	4.799%
6	7.875	1063	1069	1081	rVB	171245	384329	40.50%	5.148%
7	8.228	1119	1129	1140	rBV	131407	297229	31.32%	3.981%
8	8.781	1213	1223	1233	rBV	265597	549808	57.94%	7.364%
9	10.269	1468	1476	1484	rBV	399676	727360	76.65%	9.742%
10	10.663	1534	1543	1551	rBV	41398	72371	7.63%	0.969%
11	11.028	1600	1605	1611	rVB2	13048	19781	2.08%	0.265%
12	11.581	1689	1699	1710	rBV	296416	514636	54.24%	6.893%
13	12.569	1860	1867	1878	rVB2	246370	419579	44.22%	5.620%
14	13.516	2021	2028	2038	rBV	201835	344903	36.35%	4.620%
15	13.751	2063	2068	2072	rVB3	8493	12488	1.32%	0.167%
16	13.834	2078	2082	2088	rBV6	7653	14292	1.51%	0.191%
17	14.045	2113	2118	2124	rVB2	23388	47106	4.96%	0.631%
18	14.169	2133	2139	2144	rVB3	20661	32690	3.45%	0.438%
19	14.298	2156	2161	2164	rBV6	8494	13634	1.44%	0.183%
20	14.345	2165	2169	2171	rVV3	10864	14980	1.58%	0.201%
21	14.381	2172	2175	2178	rVV	16746	25798	2.72%	0.346%
22	14.422	2178	2182	2186	rVV2	26596	39180	4.13%	0.525%
23	14.469	2186	2190	2193	rVV4	14986	20177	2.13%	0.270%
24	14.504	2193	2196	2203	rVB4	17583	26794	2.82%	0.359%
25	14.604	2210	2213	2217	rVB4	8388	10492	1.11%	0.141%
26	14.651	2217	2221	2225	rBV3	17386	25040	2.64%	0.335%
27	14.698	2225	2229	2233	rVB	22455	31467	3.32%	0.421%
28	14.769	2233	2241	2247	rBV4	89006	215264	22.69%	2.883%
29	14.822	2247	2250	2257	rVB4	21290	34604	3.65%	0.463%
30	14.922	2261	2267	2272	rBV	56218	94526	9.96%	1.266%
31	15.034	2276	2286	2289	rBV3	52541	114156	12.03%	1.529%
32	15.145	2298	2305	2311	rVB5	64043	148275	15.63%	1.986%
33	15.304	2325	2332	2333	rBV5	11478	22461	2.37%	0.301%
34	15.328	2333	2336	2339	rVV5	11239	15871	1.67%	0.213%
35	15.381	2340	2345	2350	rVV	55857	96195	10.14%	1.288%
36	15.463	2350	2359	2367	rVB6	38335	136888	14.43%	1.834%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
Data File : VD079553.D
Acq On : 02 Aug 2024 20:17
Operator : RP/MD
Sample : P3417-01
Misc : 5.09G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-06-073124

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\82D072924S.M
Title : SW846 8260

37	15.616	2378	2385	2393	rBV4	50321	119149	12.56%	1.596%
38	15.698	2395	2399	2403	rVV7	12097	20572	2.17%	0.276%
39	15.786	2403	2414	2416	rVV6	51369	127168	13.40%	1.703%
40	15.822	2416	2420	2429	rVV2	97778	202227	21.31%	2.709%
41	15.910	2430	2435	2440	rVV9	29209	59545	6.28%	0.798%
42	15.986	2441	2448	2462	rVB4	49968	176653	18.62%	2.366%
43	16.133	2464	2473	2481	rBV3	110206	261505	27.56%	3.503%
44	16.333	2498	2507	2513	rBV3	86261	209390	22.07%	2.805%
45	16.398	2513	2518	2531	rVB5	51946	149435	15.75%	2.002%
46	16.598	2544	2552	2558	rBV5	35695	110378	11.63%	1.478%
47	16.657	2558	2562	2566	rVV4	24814	47881	5.05%	0.641%
48	16.728	2569	2574	2584	rVB7	31771	85701	9.03%	1.148%

Sum of corrected areas: 7465937

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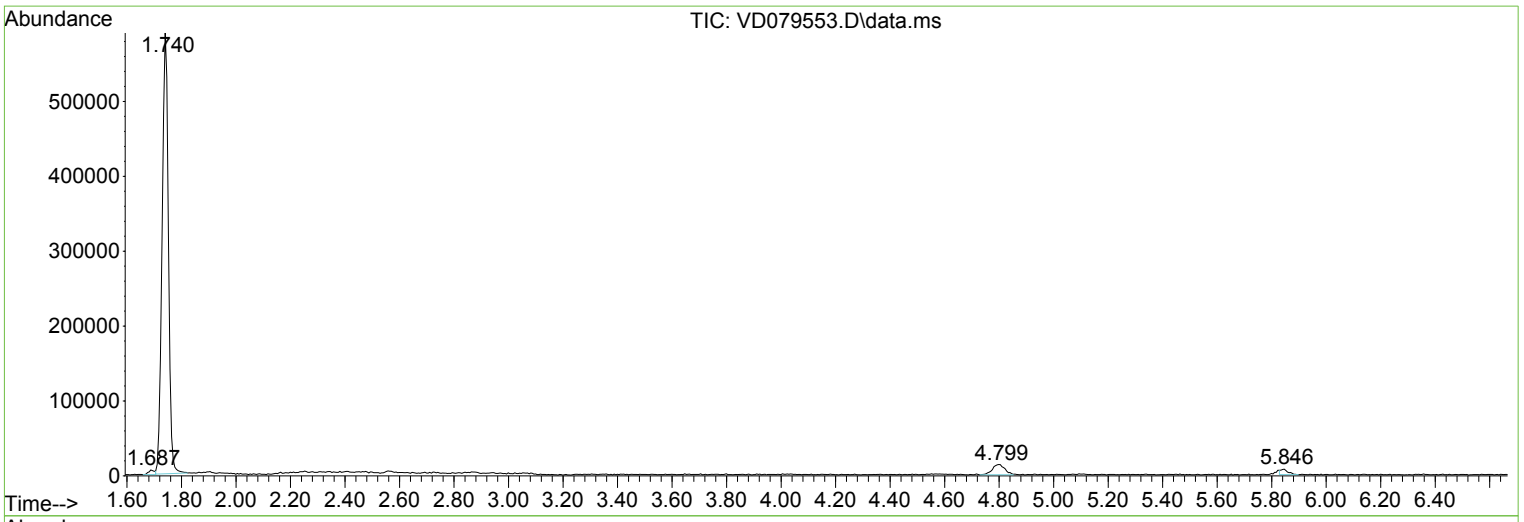
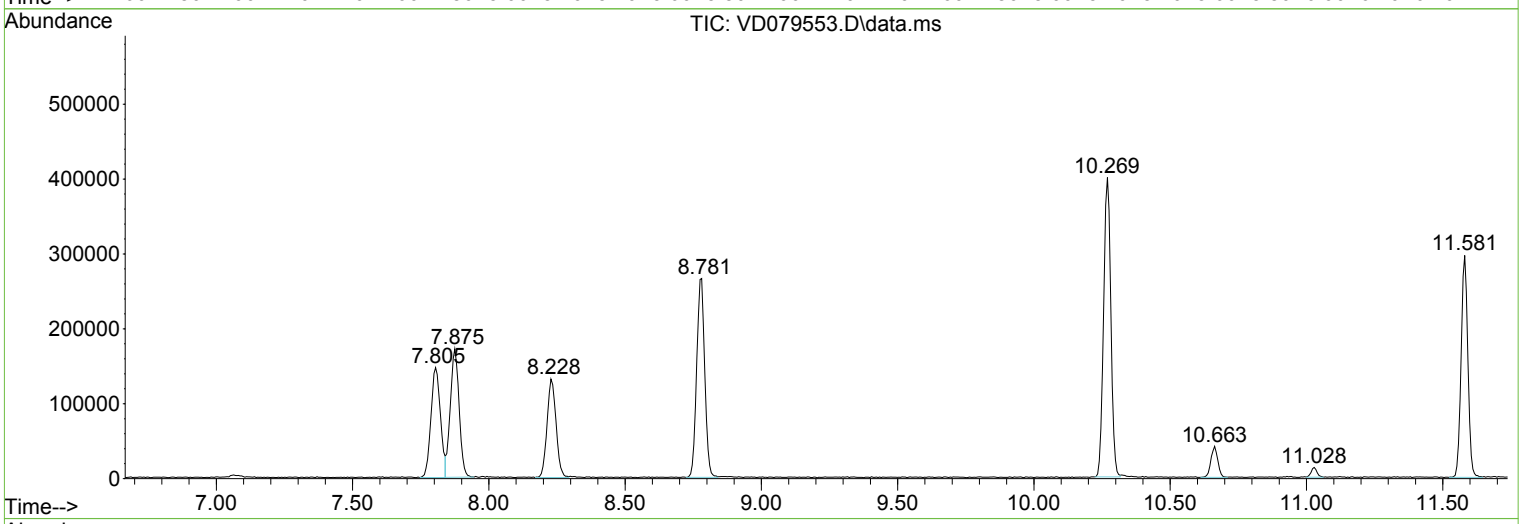
Sample : P3417-01
Misc : 5.09G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

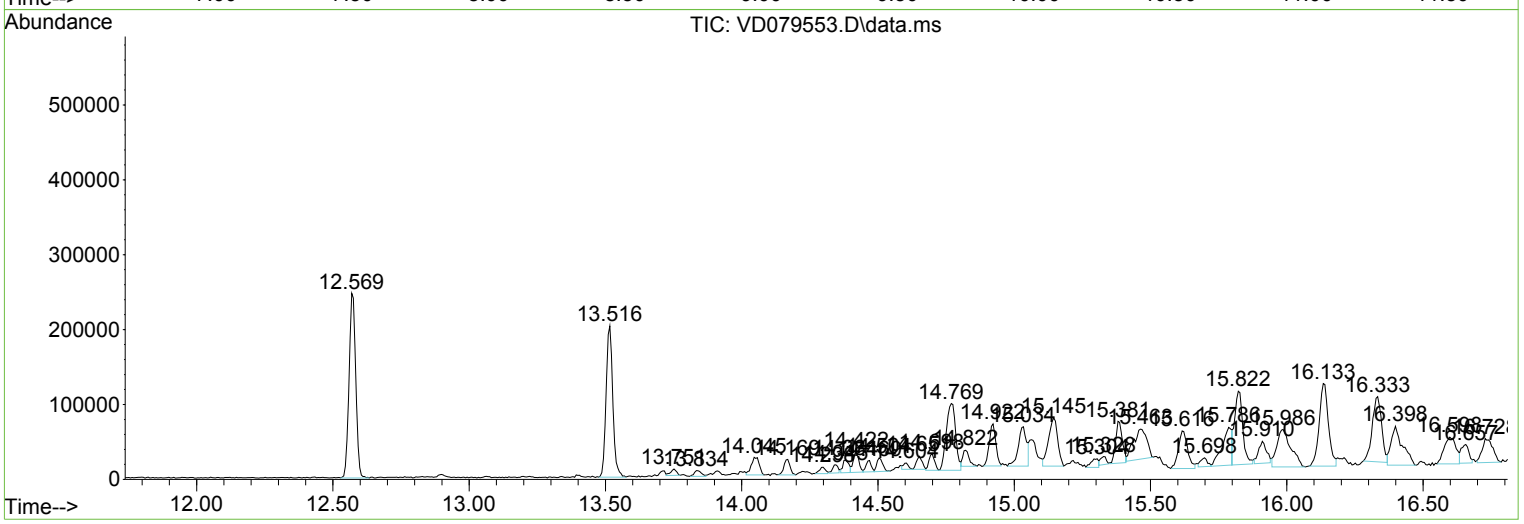
Instrument :
MSVOA_D
ClientSampleId :
TR-06-073124

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
Data File : VD079553.D
Acq On : 02 Aug 2024 20:17
Operator : RP/MD
Sample : P3417-01
Misc : 5.09G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-06-073124

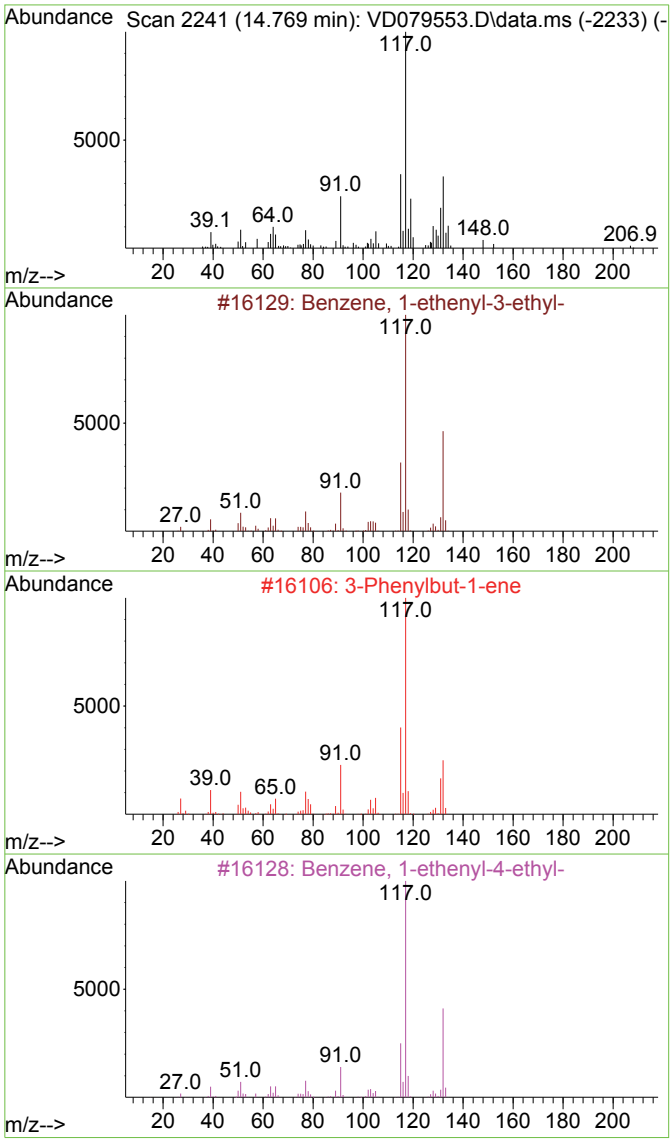
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260

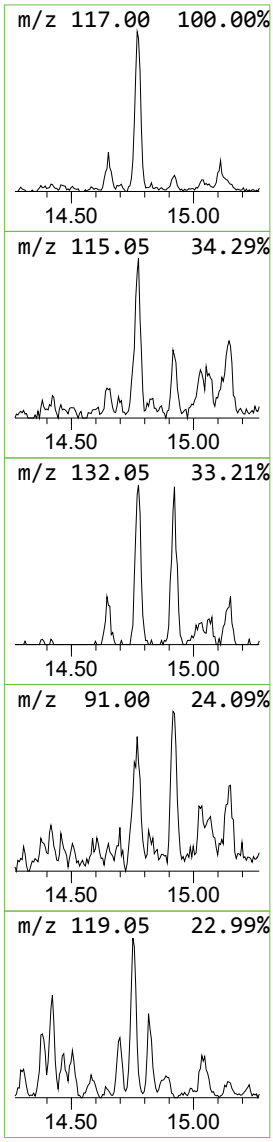
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.769	31.21 ug/l	215264	1,4-Dichlorobenzene-d4	13.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	58
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
Data File : VD079553.D
Acq On : 02 Aug 2024 20:17
Operator : RP/MD
Sample : P3417-01
Misc : 5.09G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-06-073124

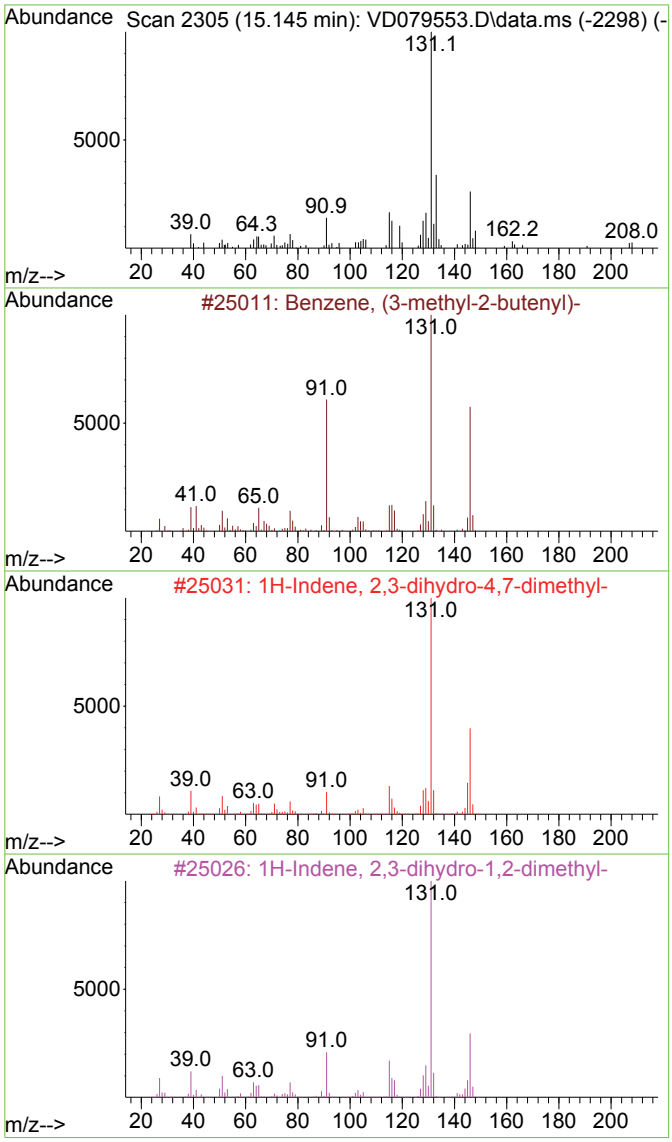
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260

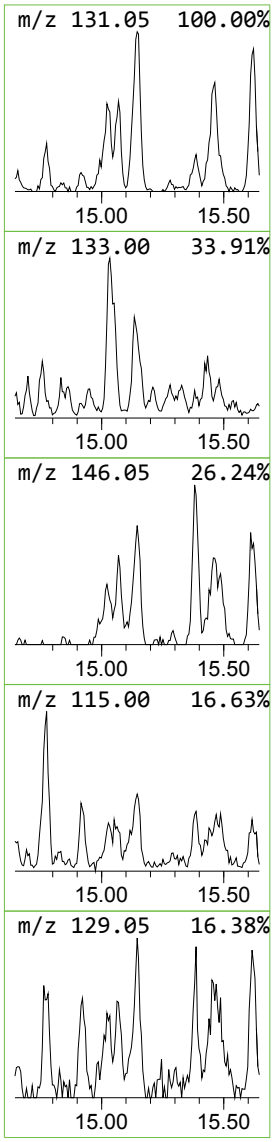
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, (3-methyl-2-butenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.145	21.50 ug/l	148275	1,4-Dichlorobenzene-d4	13.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	89
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	89
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	89
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	89
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	89





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
Data File : VD079553.D
Acq On : 02 Aug 2024 20:17
Operator : RP/MD
Sample : P3417-01
Misc : 5.09G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-06-073124

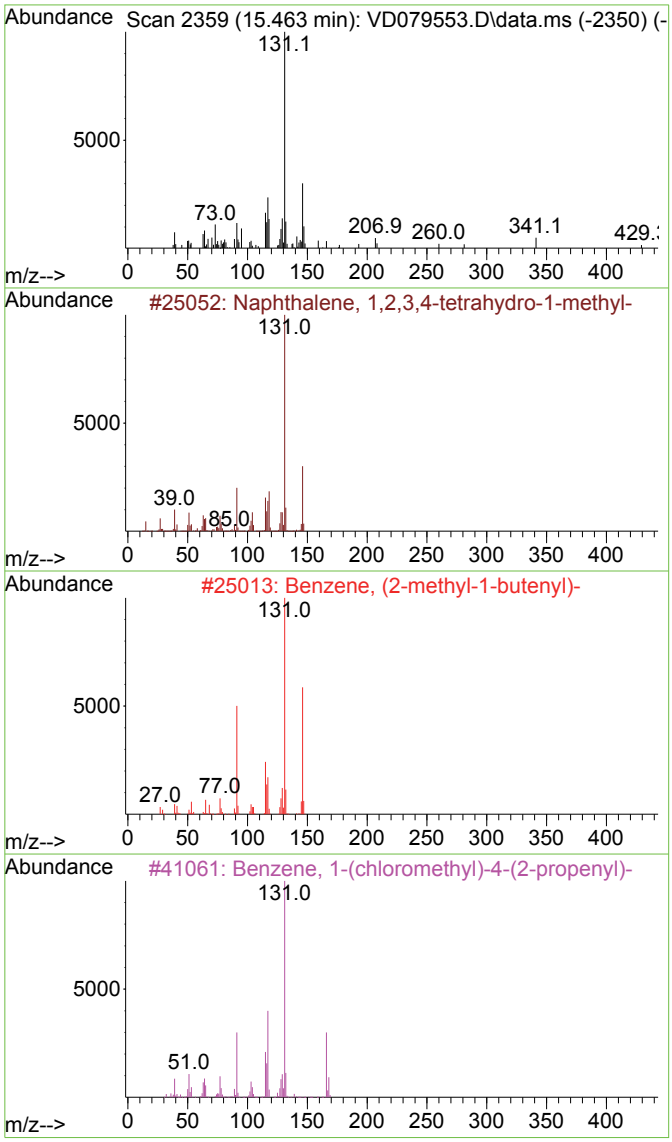
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260

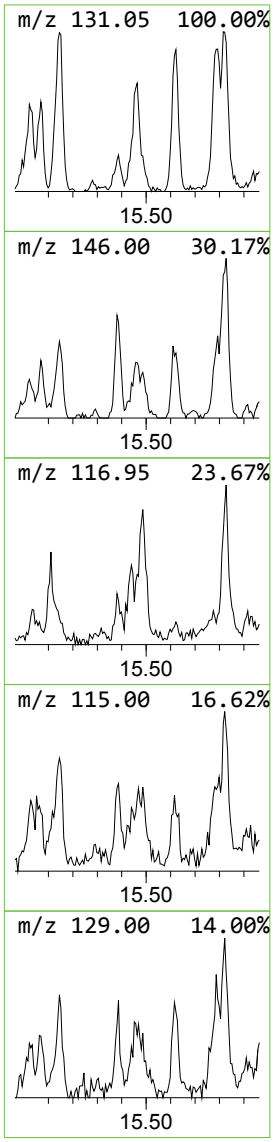
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.463	19.84 ug/l	136888	1,4-Dichlorobenzene-d4	13.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	81
3	Benzene, 1-(chloromethyl)-4-(2-p...	166	C10H11Cl	036875-10-2	76
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	76
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
Data File : VD079553.D
Acq On : 02 Aug 2024 20:17
Operator : RP/MD
Sample : P3417-01
Misc : 5.09G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-06-073124

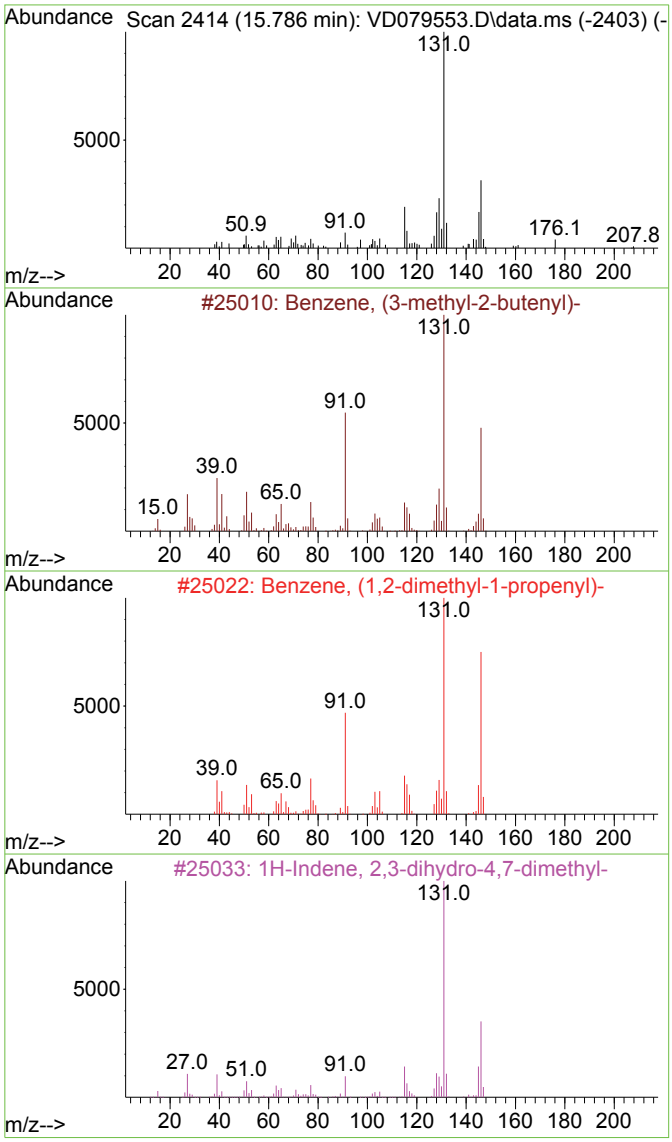
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260

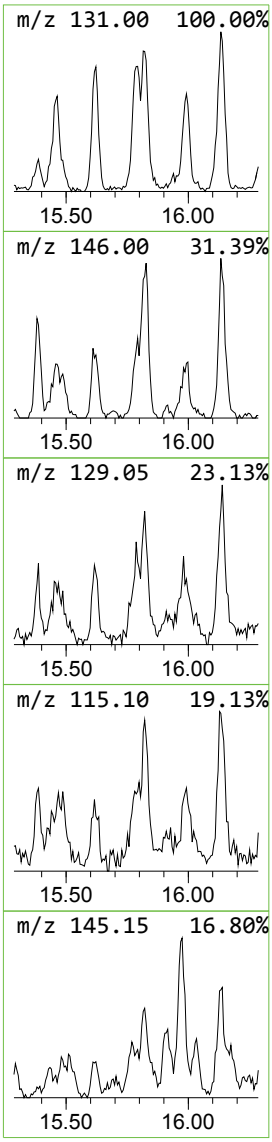
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.787	18.44 ug/l	127168	1,4-Dichlorobenzene-d4	13.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
Data File : VD079553.D
Acq On : 02 Aug 2024 20:17
Operator : RP/MD
Sample : P3417-01
Misc : 5.09G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-06-073124

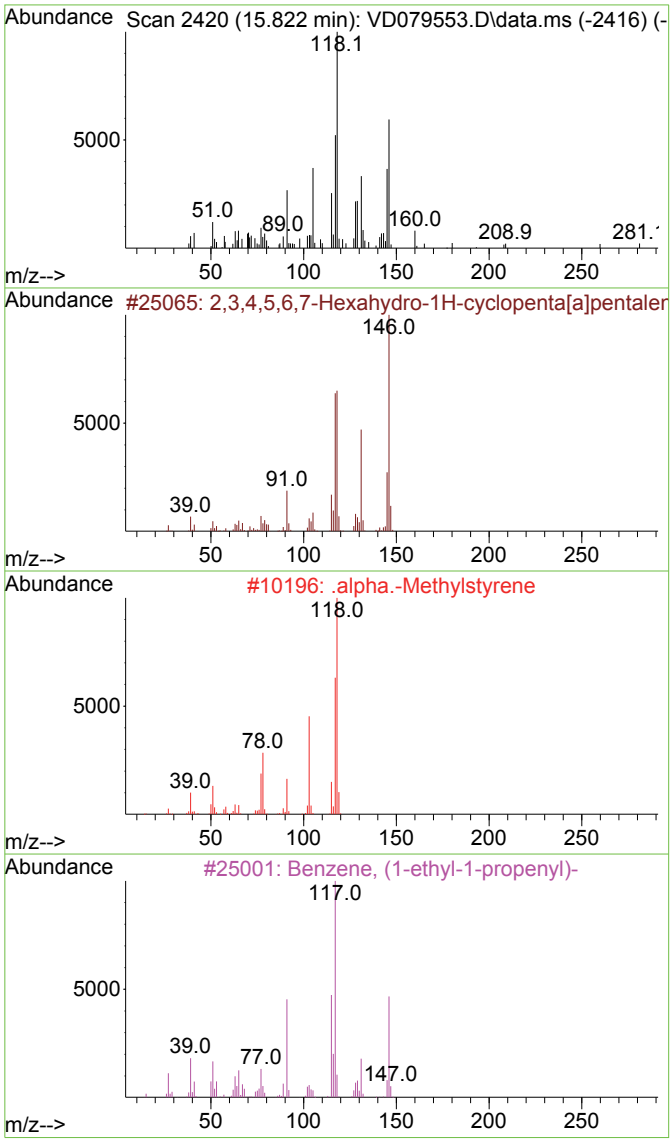
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260

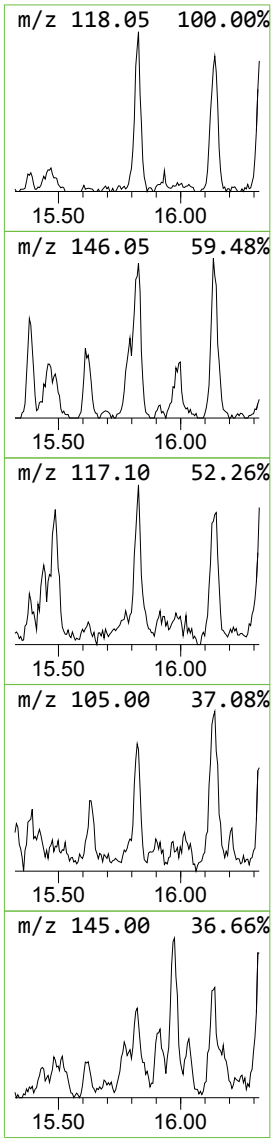
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 unknown15.822 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.822	29.32 ug/l	202227	1,4-Dichlorobenzene-d4	13.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	49
2	.alpha.-Methylstyrene	118	C9H10	000098-83-9	38
3	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	35
4	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	25
5	1-Methyl-2-tetralone	160	C11H12O	004024-14-0	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-06-073124

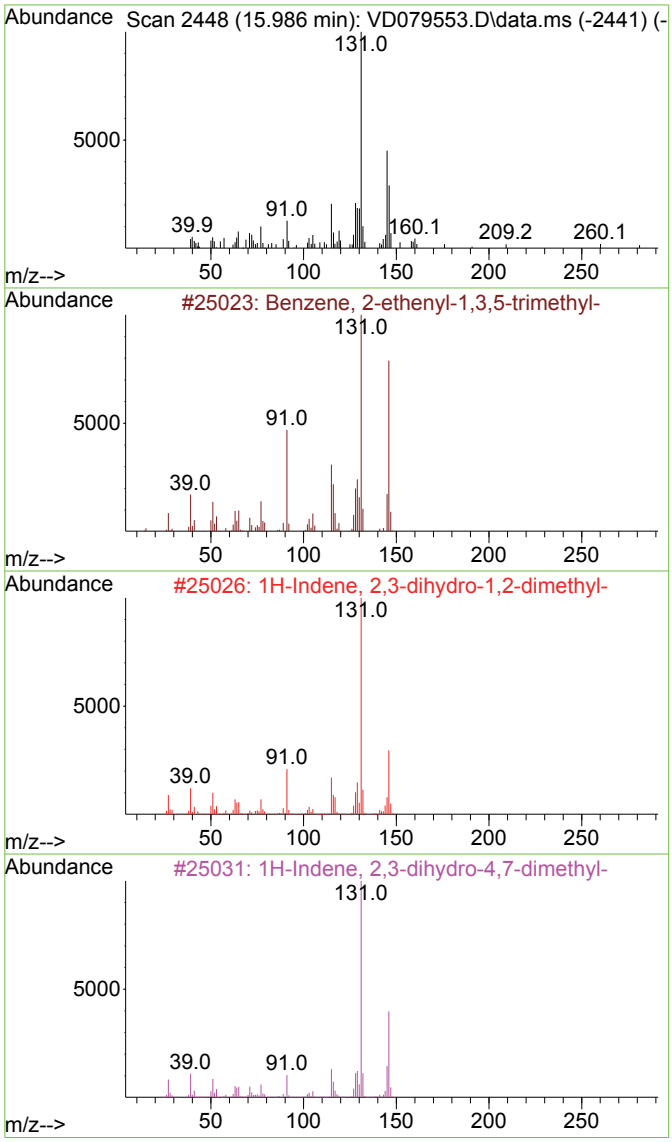
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260

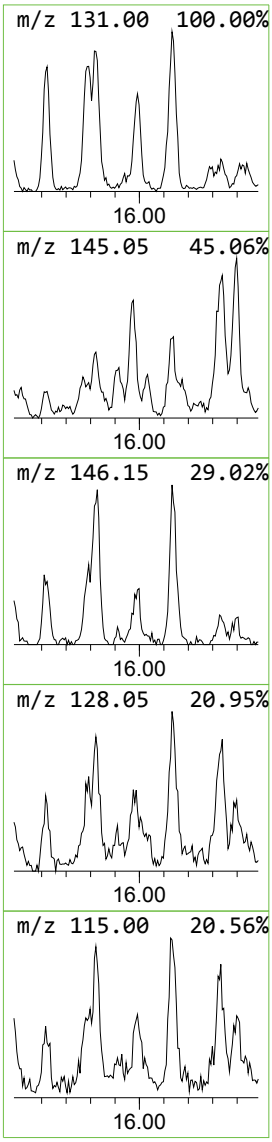
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.986	25.61 ug/l	176653	1,4-Dichlorobenzene-d4	13.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	62
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	62
4	2,3-Dihydro-1H-inden-5-ylacetic ...	176	C11H12O2	005453-98-5	60
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
Data File : VD079553.D
Acq On : 02 Aug 2024 20:17
Operator : RP/MD
Sample : P3417-01
Misc : 5.09G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-06-073124

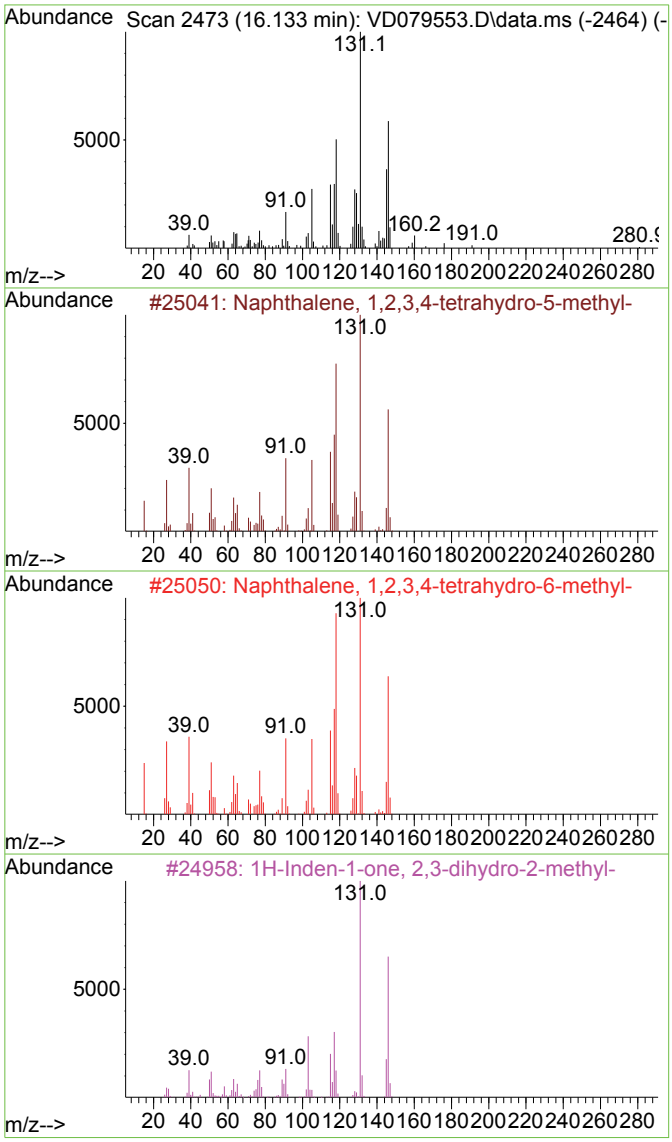
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260

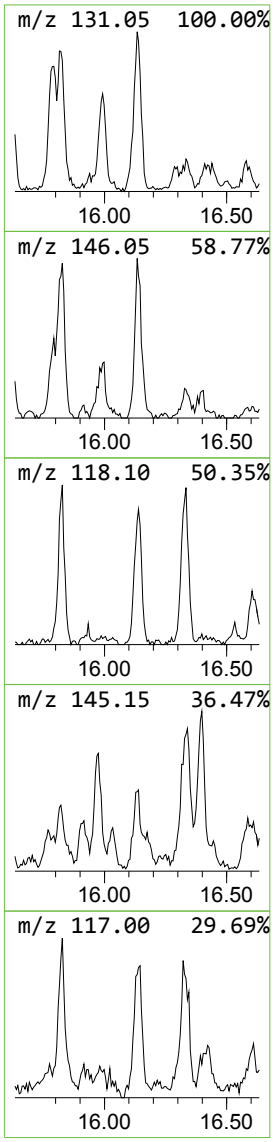
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.134	37.91 ug/l	261505	1,4-Dichlorobenzene-d4	13.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	76
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	58
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	58
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
Data File : VD079553.D
Acq On : 02 Aug 2024 20:17
Operator : RP/MD
Sample : P3417-01
Misc : 5.09G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-06-073124

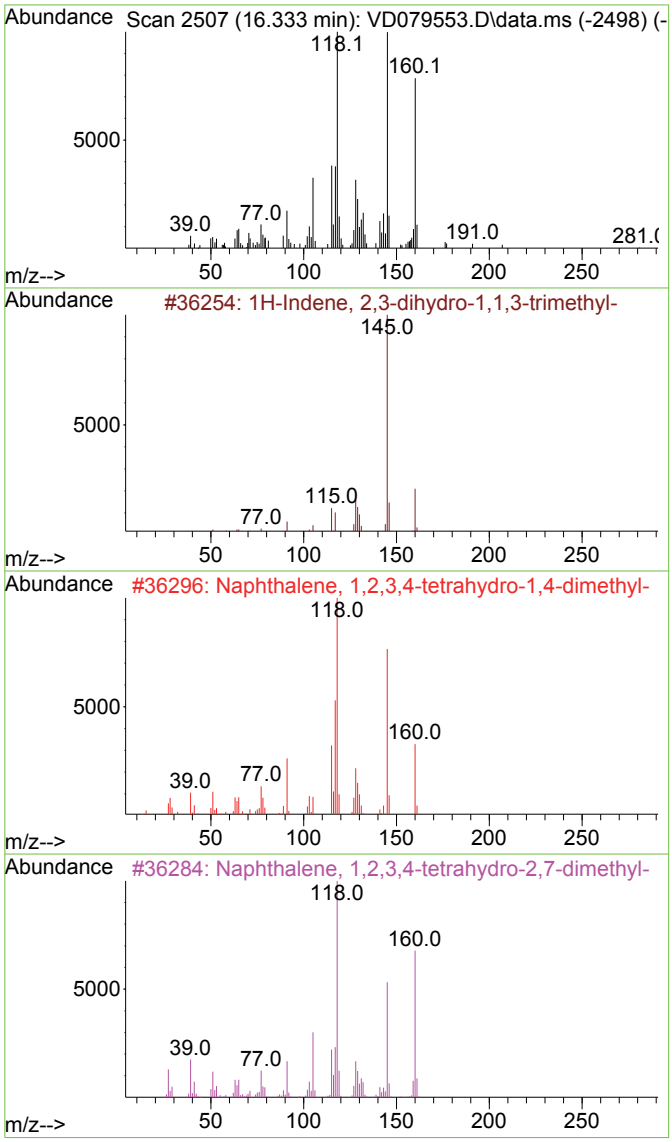
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260

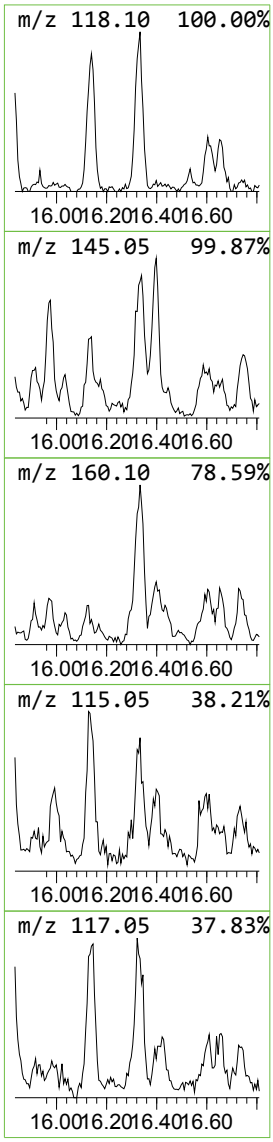
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.334	30.35 ug/l	209390	1,4-Dichlorobenzene-d4	13.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	90
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	86
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
Data File : VD079553.D
Acq On : 02 Aug 2024 20:17
Operator : RP/MD
Sample : P3417-01
Misc : 5.09G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-06-073124

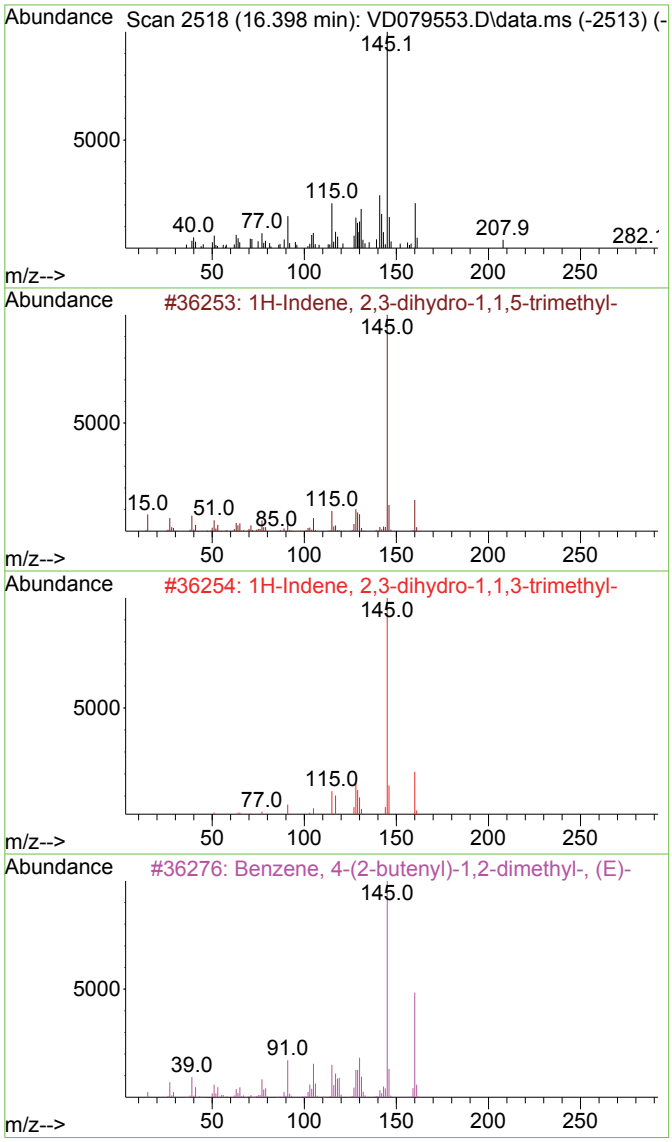
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260

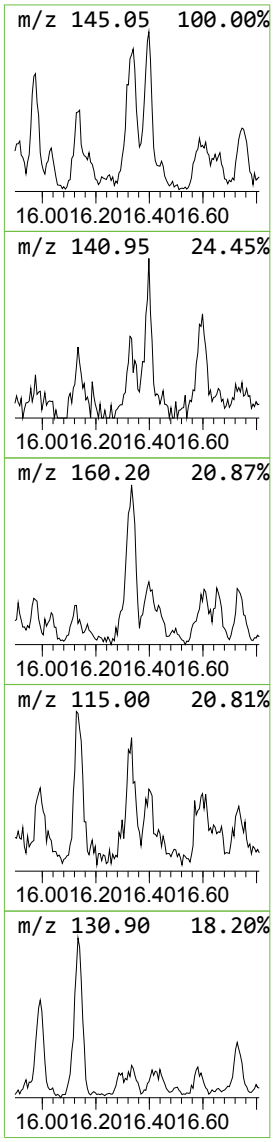
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.398	21.66 ug/l	149435	1,4-Dichlorobenzene-d4	13.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	76
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	70
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	70
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	70
5	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
Data File : VD079553.D
Acq On : 02 Aug 2024 20:17
Operator : RP/MD
Sample : P3417-01
Misc : 5.09G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-06-073124

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.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
Benzene, 1-ethe...	14.769	31.2	ug/l	215264	4	13.510	344903	50.0
Benzene, (3-met...	15.145	21.5	ug/l	148275	4	13.510	344903	50.0
Naphthalene, 1,...	15.463	19.8	ug/l	136888	4	13.510	344903	50.0
Benzene, (1,2-d...	15.787	18.4	ug/l	127168	4	13.510	344903	50.0
unknown15.822	15.822	29.3	ug/l	202227	4	13.510	344903	50.0
Benzene, 2-ethe...	15.986	25.6	ug/l	176653	4	13.510	344903	50.0
Naphthalene, 1,...	16.134	37.9	ug/l	261505	4	13.510	344903	50.0
1H-Indene, 2,3-...	16.334	30.4	ug/l	209390	4	13.510	344903	50.0
1H-Indene, 2,3-...	16.398	21.7	ug/l	149435	4	13.510	344903	50.0