LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
Data File : VX002337.D
Acq On : 06 Jun 2018 06:10
Operator : JC/MD
Sample : J3309-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-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_X\METHOD\82X060418W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.075	76	80	94	rBV	3003984	3466457	100.00%	20.351%
2	1.276	109	113	119	rBV	66298	91426	2.64%	0.537%
3	3.172	416	424	435	rBV3	13547	38555	1.11%	0.226%
4	4.398	617	625	636	rBV3	12363	35840	1.03%	0.210%
5	5.507	793	807	815	rBV	148805	432373	12.47%	2.538%
6	5.574	816	818	825	rVV2	30621	75600	2.18%	0.444%
7	5.672	825	834	862	rVB	232435	698855	20.16%	4.103%
8	6.074	889	900	907	rBV	171911	447287	12.90%	2.626%
9	6.147	907	912	925	rVV2	40860	109749	3.17%	0.644%
10	6.306	927	938	951	rVV2	45210	127174	3.67%	0.747%
11	6.867	1020	1030	1040	rBV	343838	830068	23.95%	4.873%
12	7.470	1116	1129	1141	rBV5	20068	62695	1.81%	0.368%
13	7.933	1198	1205	1206	rBV	52601	82458	2.38%	0.484%
14	7.958	1207	1209	1217	rVV	66119	112196	3.24%	0.659%
15	8.031	1217	1221	1236	rVB6	14393	35428	1.02%	0.208%
16	8.214	1239	1251	1257	rBV3	27644	63931	1.84%	0.375%
17	8.574	1304	1310	1319	rVB	80659	143263	4.13%	0.841%
18	8.720	1327	1334	1347	rVB	854306	1335928	38.54%	7.843%
19	9.226	1412	1417	1427	rVB	48559	85263	2.46%	0.501%
20	9.494	1455	1461	1463	rBV	35609	52588	1.52%	0.309%
21	9.525	1463	1466	1470	rVB	25600	35606	1.03%	0.209%
22	9.823	1508	1515	1519	rBV3	24602	39004	1.13%	0.229%
23	10.037	1546	1550	1554	rVB	28127	38651	1.12%	0.227%
24	10.116	1554	1563	1569	rBV	743985	995629	28.72%	5.845%
25	10.214	1575	1579	1587	rVB	123565	164407	4.74%	0.965%
26	10.342	1587	1600	1601	rBV6	21963	46579	1.34%	0.273%
27	10.665	1641	1653	1657	rBV8	18889	58648	1.69%	0.344%
28	11.024	1707	1712	1716	rBV	200986	265983	7.67%	1.562%
29	11.140	1726	1731	1736	rBV	778126	948023	27.35%	5.566%
30	11.774	1826	1835	1838	rBV2	37546	55628	1.60%	0.327%
31	11.927	1854	1860	1861	rBV	61320	82563	2.38%	0.485%
32	11.951	1861	1864	1871	rVB	185489	226973	6.55%	1.333%
33	12.085	1880	1886	1891	rBV	913948	1168691	33.71%	6.861%
34	12.238	1906	1911	1916	rVB	83589	104578	3.02%	0.614%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
Data File : VX002337.D
Acq On : 06 Jun 2018 06:10
Operator : JC/MD
Sample : J3309-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-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_X\METHOD\82X060418W.M
Title : SW846 8260

35	12.390	1929	1936	1943	rVB3	36453	68210	1.97%	0.400%
36	12.658	1974	1980	1985	rBV4	17879	37238	1.07%	0.219%
37	12.774	1993	1999	2004	rBV2	272085	410505	11.84%	2.410%
38	12.902	2011	2020	2025	rVB2	121529	201785	5.82%	1.185%
39	12.957	2025	2029	2032	rBV	39660	57500	1.66%	0.338%
40	13.030	2037	2041	2047	rVB3	18891	35486	1.02%	0.208%
41	13.097	2047	2052	2056	rVB	73427	98496	2.84%	0.578%
42	13.158	2057	2062	2065	rBV	60069	82412	2.38%	0.484%
43	13.195	2065	2068	2073	rVB	94902	115240	3.32%	0.677%
44	13.256	2073	2078	2082	rBV	74100	86434	2.49%	0.507%
45	13.347	2089	2093	2098	rVB2	66363	81341	2.35%	0.478%
46	13.408	2098	2103	2108	rBV2	321607	411750	11.88%	2.417%
47	13.487	2113	2116	2125	rVB2	62160	102445	2.96%	0.601%
48	13.603	2130	2135	2139	rVB3	88431	142887	4.12%	0.839%
49	13.725	2152	2155	2160	rVB	314959	395755	11.42%	2.323%
50	13.817	2164	2170	2173	rBV	86148	116799	3.37%	0.686%
51	13.859	2173	2177	2182	rVB4	41550	70368	2.03%	0.413%
52	13.914	2182	2186	2191	rBV	158326	200722	5.79%	1.178%
53	13.987	2191	2198	2203	rBV	194500	271274	7.83%	1.593%
54	14.036	2203	2206	2209	rBV2	37253	49894	1.44%	0.293%
55	14.170	2224	2228	2232	rBV3	45428	61898	1.79%	0.363%
56	14.243	2236	2240	2243	rBV2	52316	55225	1.59%	0.324%
57	14.323	2250	2253	2260	rVB2	74070	108874	3.14%	0.639%
58	14.384	2260	2263	2267	rVB	48482	58480	1.69%	0.343%
59	14.438	2268	2272	2275	rBV	76998	97902	2.82%	0.575%
60	14.481	2275	2279	2284	rVB4	39869	69532	2.01%	0.408%
61	14.548	2284	2290	2294	rBV3	67677	118300	3.41%	0.695%
62	14.682	2308	2312	2318	rVV3	55854	97132	2.80%	0.570%
63	14.737	2318	2321	2325	rVB	90410	110144	3.18%	0.647%
64	14.786	2325	2329	2334	rVB2	29879	41508	1.20%	0.244%
65	14.859	2335	2341	2344	rBV2	65146	122026	3.52%	0.716%
66	14.914	2347	2350	2353	rVB2	35887	43932	1.27%	0.258%
67	14.981	2353	2361	2369	rVV4	43487	97001	2.80%	0.569%
68	15.054	2369	2373	2378	rVB2	31146	46349	1.34%	0.272%
69	15.255	2401	2406	2413	rVB2	89382	152904	4.41%	0.898%
70	15.328	2413	2418	2423	rBV4	20859	38332	1.11%	0.225%
71	15.676	2471	2475	2481	rVB5	17637	35811	1.03%	0.210%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
Data File : VX002337.D
Acq On : 06 Jun 2018 06:10
Operator : JC/MD
Sample : J3309-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-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_X\METHOD\82X060418W.M
Title : SW846 8260

72	15.822	2492	2499	2500	rBV2	24364	46441	1.34%	0.273%
73	16.286	2566	2575	2583	rVB9	12722	36579	1.06%	0.215%

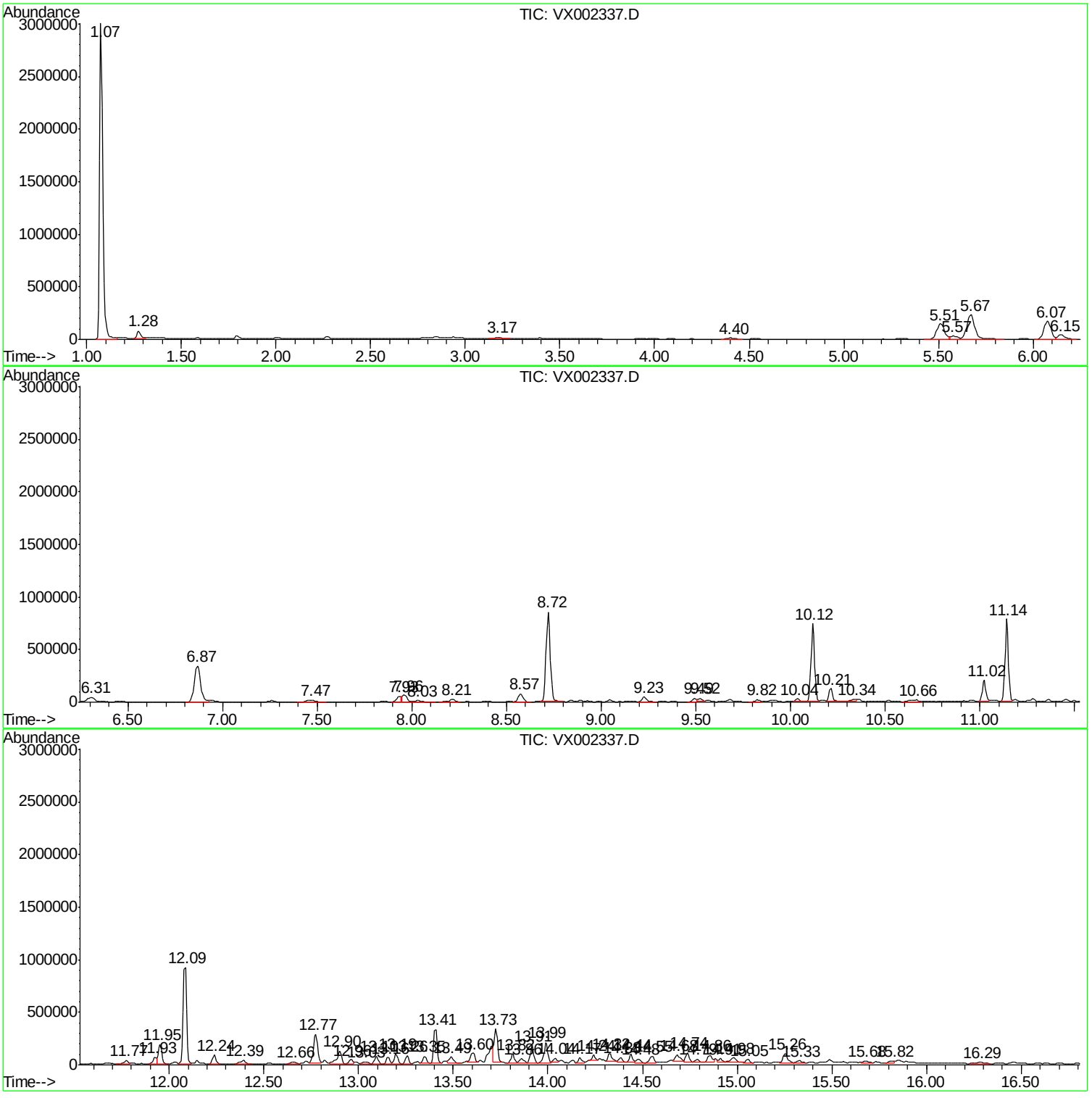
Sum of corrected areas: 17033008

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060518\
Data File : VX002337.D
Acq On : 06 Jun 2018 06:10
Operator : JC/MD
Sample : J3309-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060518\
Data File : VX002337.D
Acq On : 06 Jun 2018 06:10
Operator : JC/MD
Sample : J3309-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260

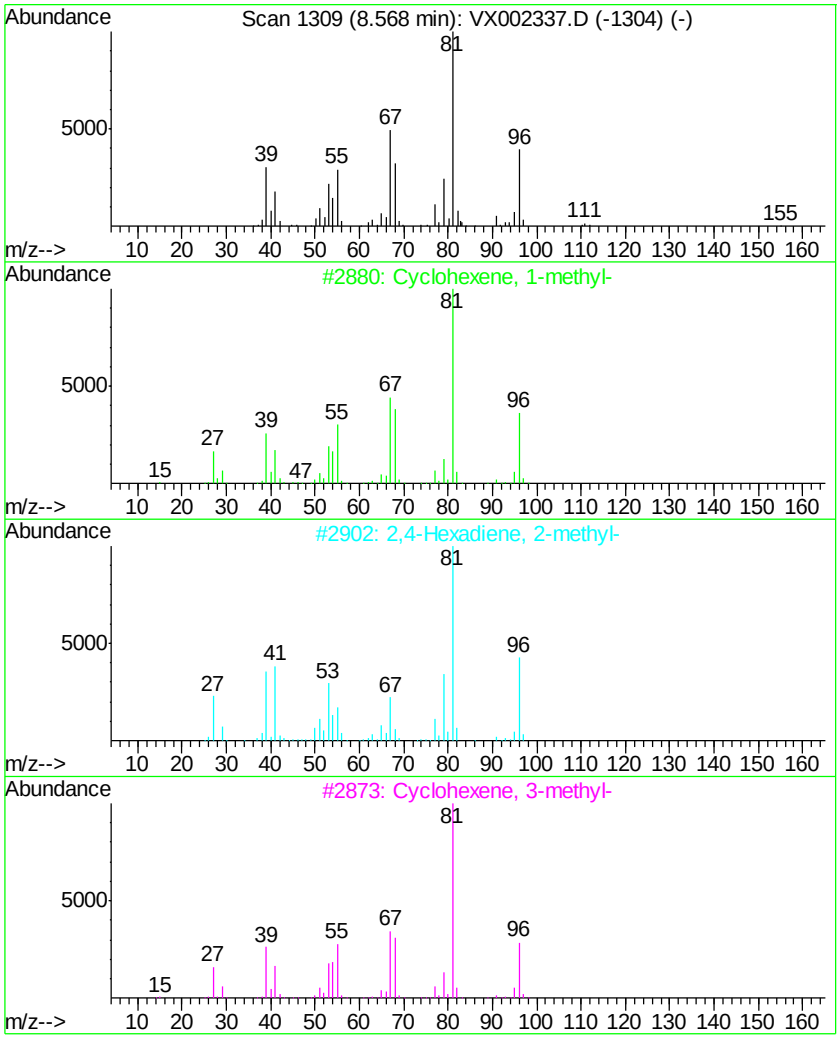
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

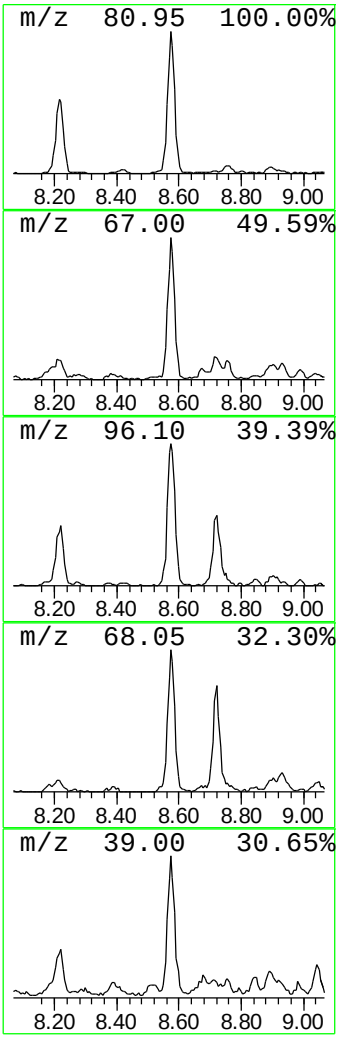
****

Peak Number 3 Cyclohexene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	7.19 ug/l	143263	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	95
2	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	93
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	87
4	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	81
5	Cyclohexane, methylene-	96	C7H12	001192-37-6	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060518\
Data File : VX002337.D
Acq On : 06 Jun 2018 06:10
Operator : JC/MD
Sample : J3309-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260

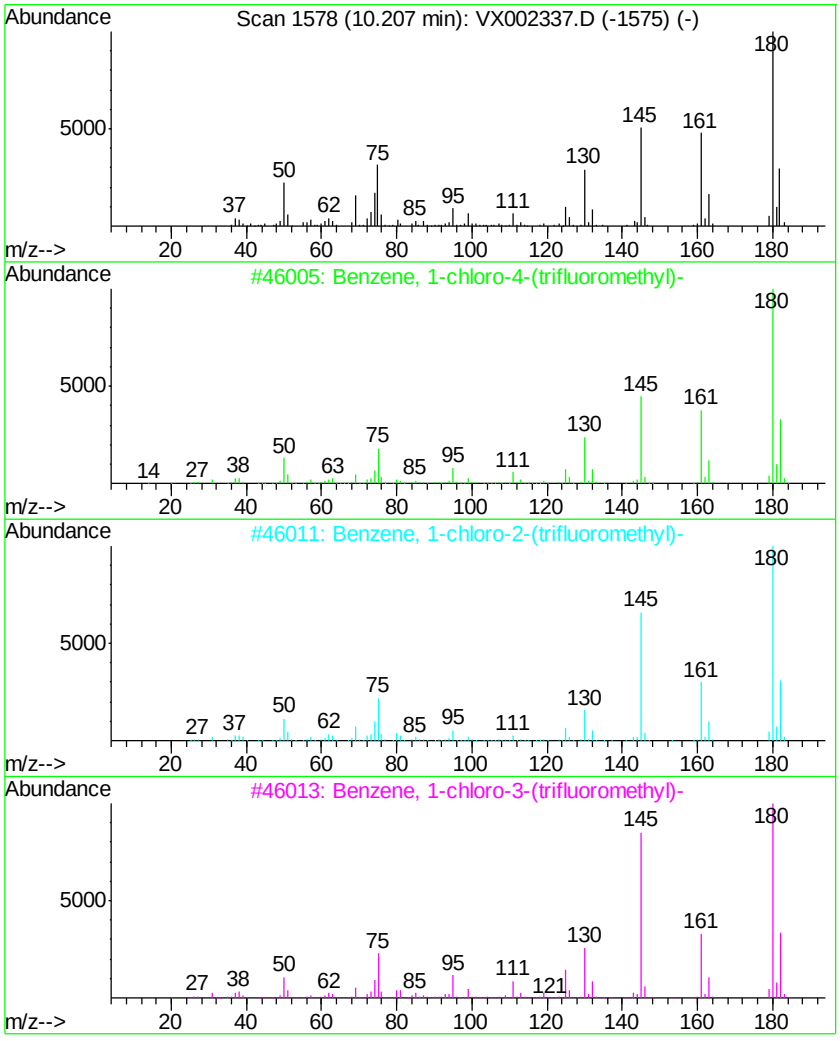
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

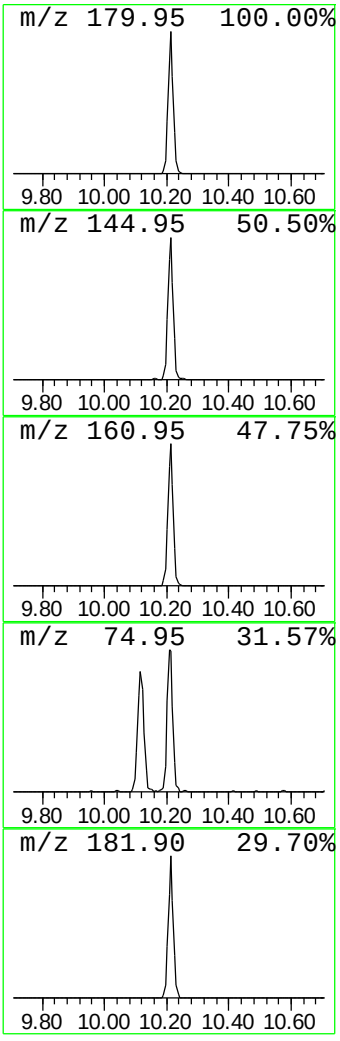
****

Peak Number 4 Benzene, 1-chloro-4-(triflu... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	8.26 ug/l	164407	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-(trifluorome...	180	C7H4ClF3	000098-56-6	98
2	Benzene, 1-chloro-2-(trifluorome...	180	C7H4ClF3	000088-16-4	91
3	Benzene, 1-chloro-3-(trifluorome...	180	C7H4ClF3	000098-15-7	87
4	5-Benzofurazancarboxylic acid, 1...	180	C7H4N2O4	006086-24-4	27
5	2-Fluoro-3-(trifluoromethyl)phenol	180	C7H4F4O	207291-85-8	25





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060518\
Data File : VX002337.D
Acq On : 06 Jun 2018 06:10
Operator : JC/MD
Sample : J3309-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260

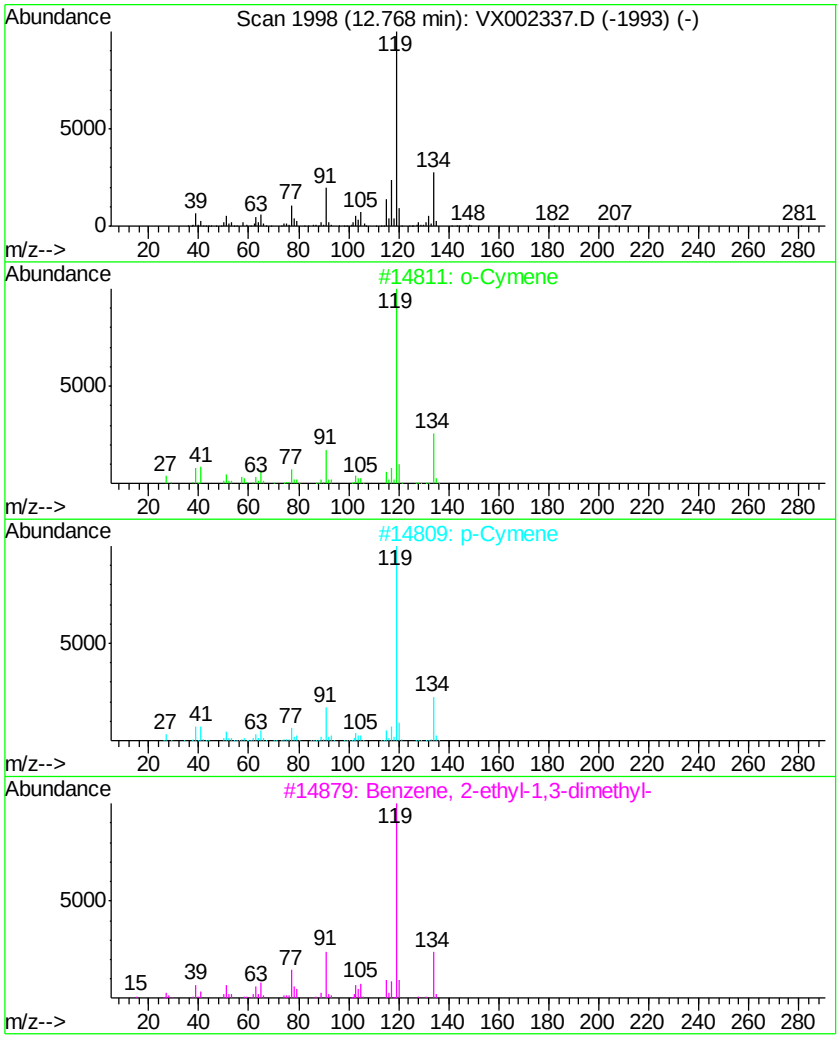
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

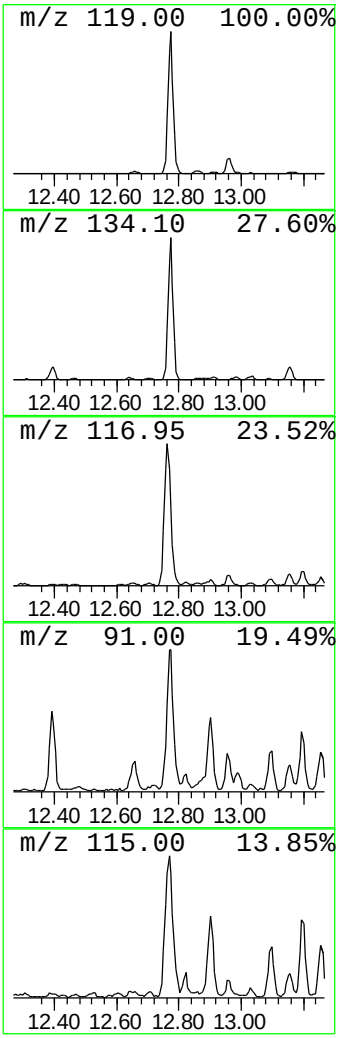
****

Peak Number 5 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	17.56 ug/l	410505	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	p-Cymene	134	C10H14	000099-87-6	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
Data File : VX002337.D
Acq On : 06 Jun 2018 06:10
Operator : JC/MD
Sample : J3309-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260

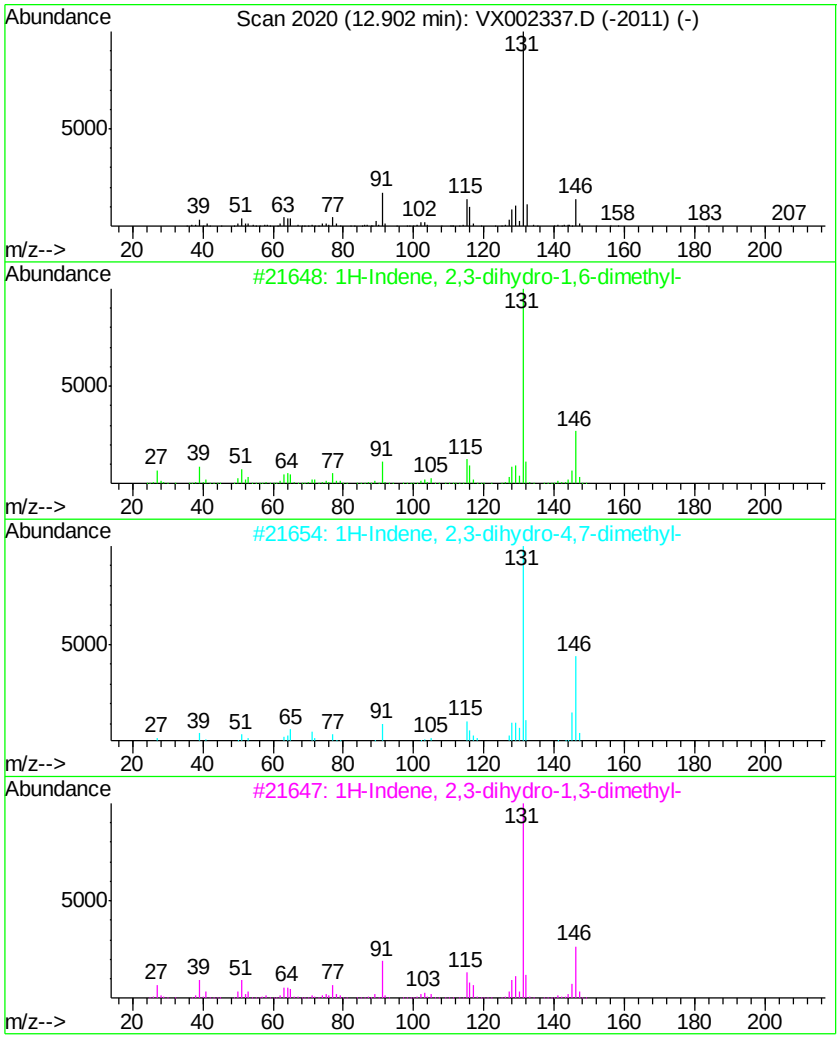
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

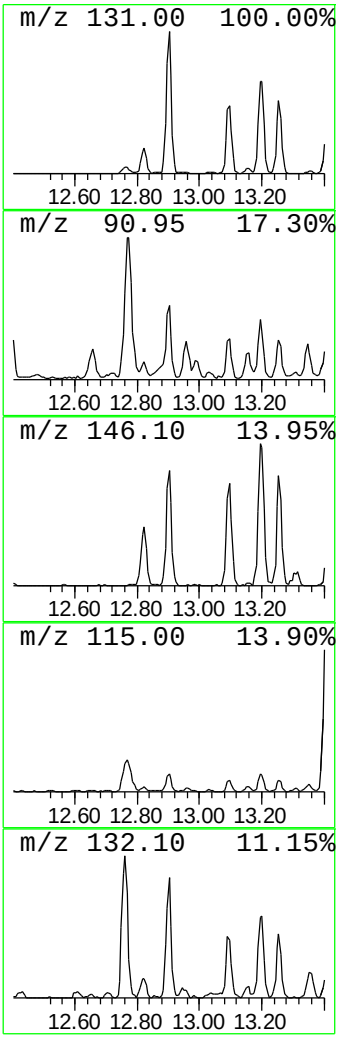
****

Peak Number 6 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	8.63 ug/l	201785	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060518\
Data File : VX002337.D
Acq On : 06 Jun 2018 06:10
Operator : JC/MD
Sample : J3309-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260

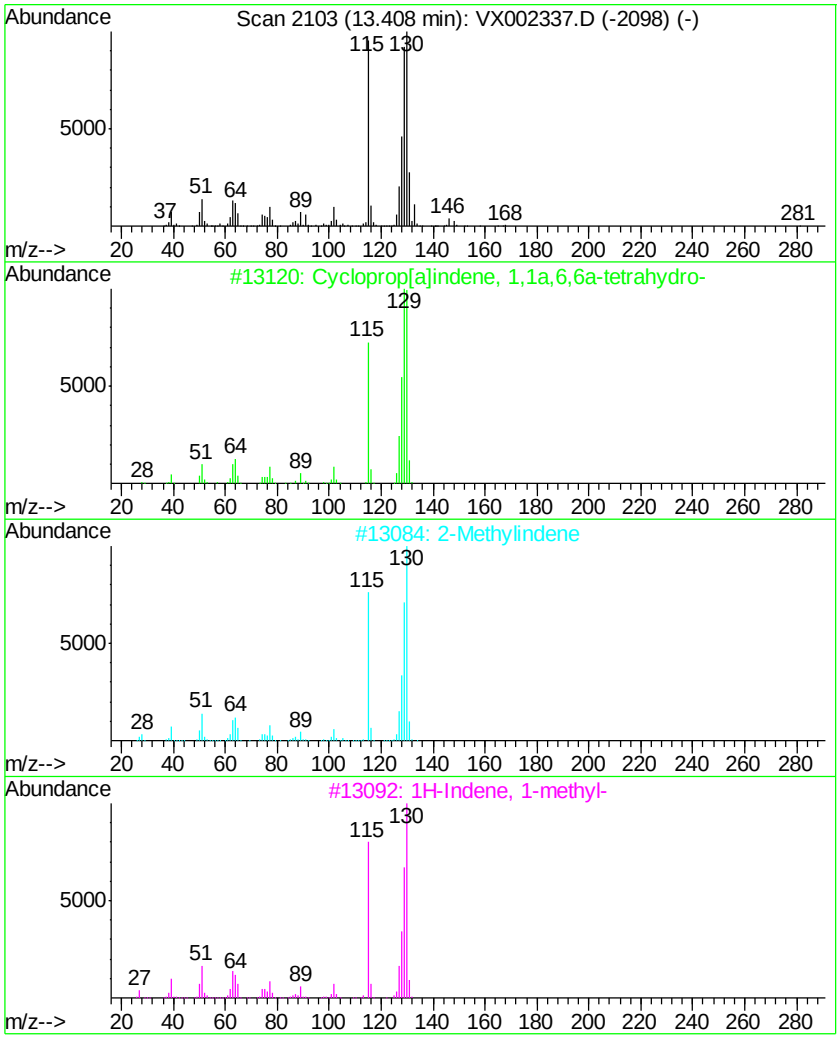
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

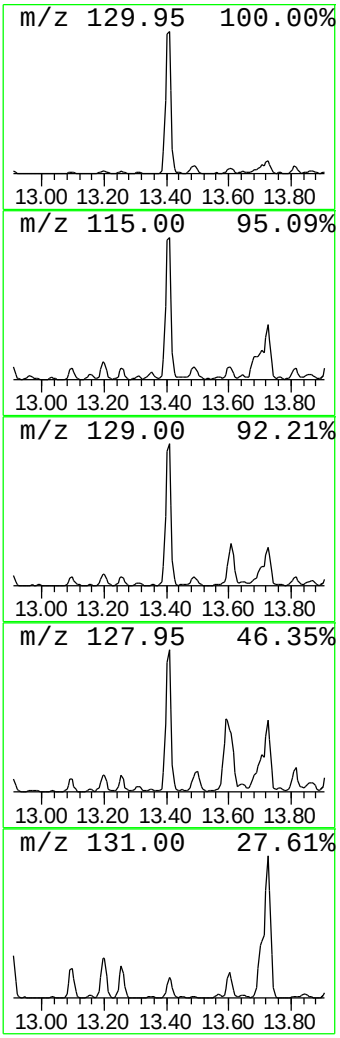
****

Peak Number 7 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	17.62 ug/l	411750	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	96
2	2-Methylindene	130	C10H10	002177-47-1	96
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	92





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060518\
Data File : VX002337.D
Acq On : 06 Jun 2018 06:10
Operator : JC/MD
Sample : J3309-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260

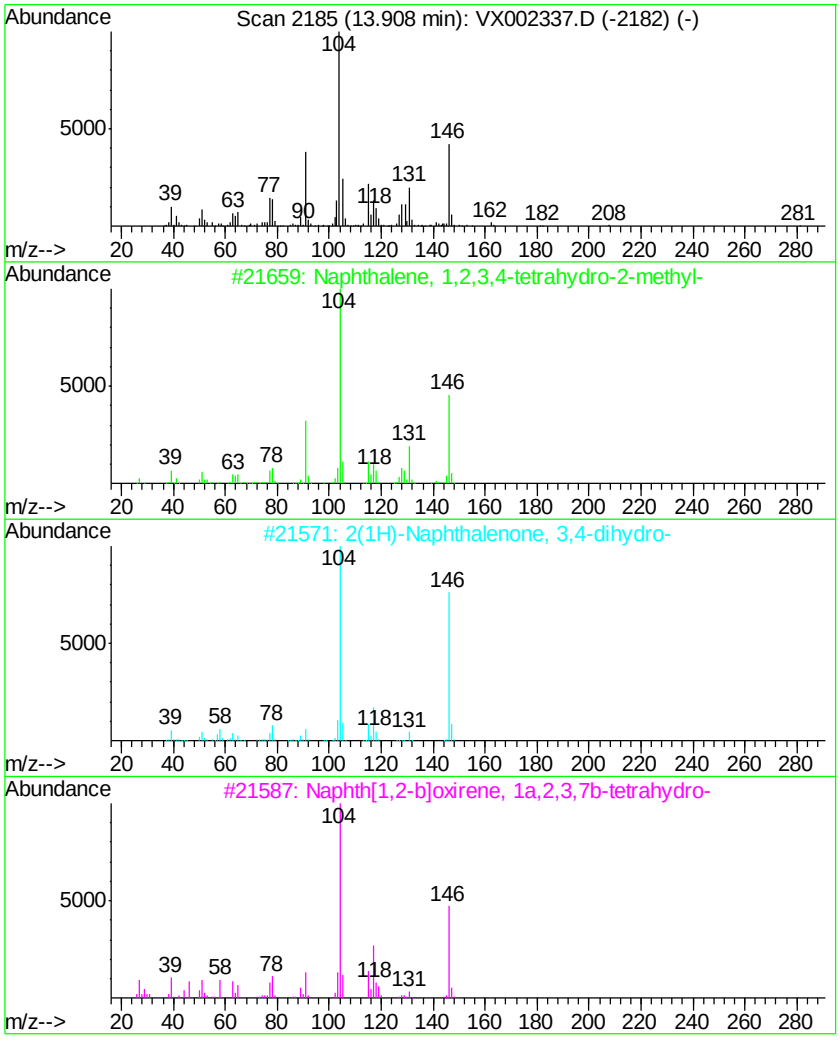
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

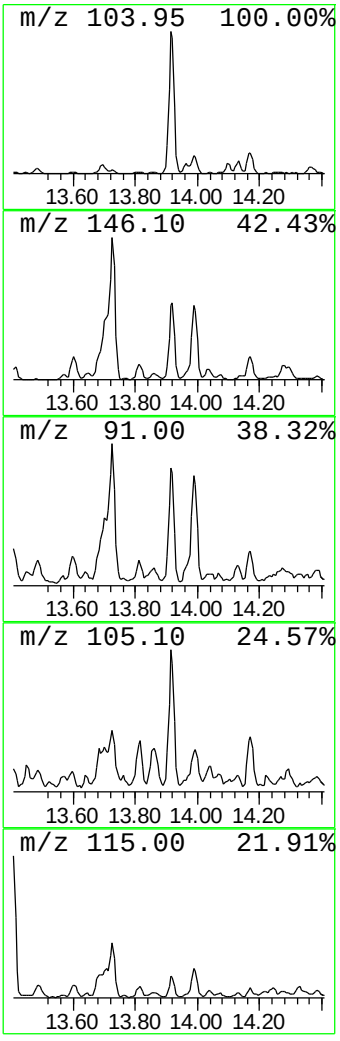
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	8.59 ug/l	200722	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	91
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	58
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	53
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	43
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060518\
Data File : VX002337.D
Acq On : 06 Jun 2018 06:10
Operator : JC/MD
Sample : J3309-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260

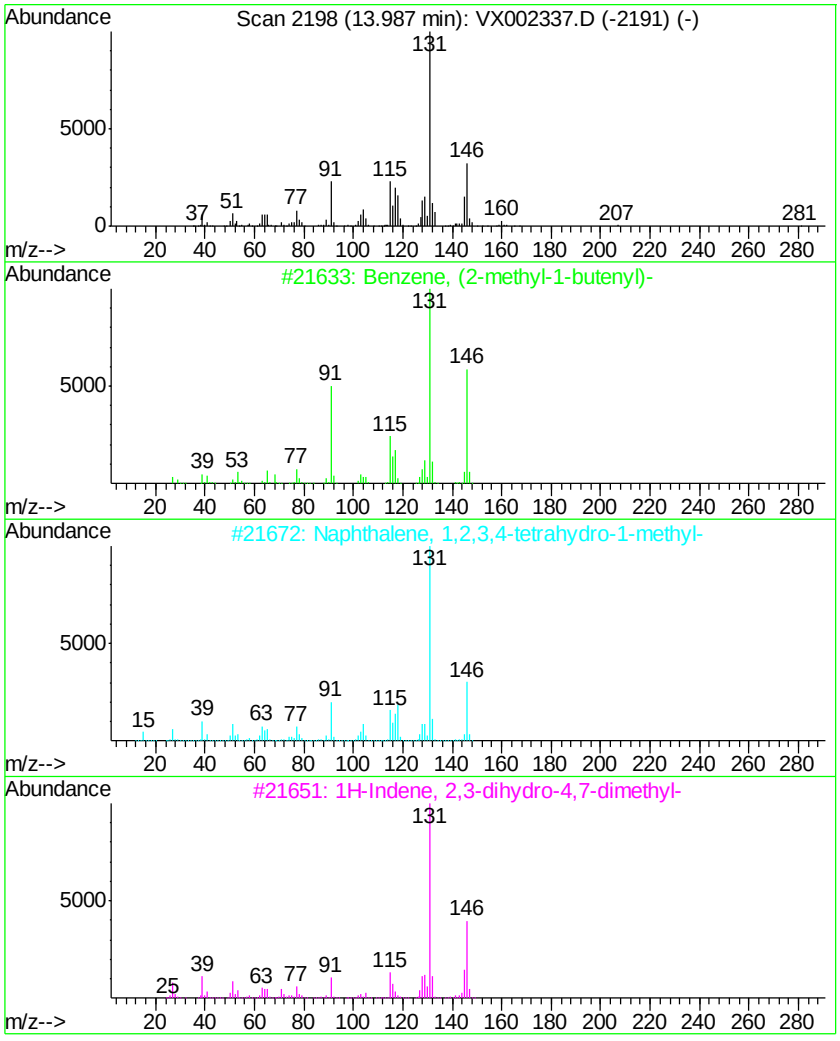
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

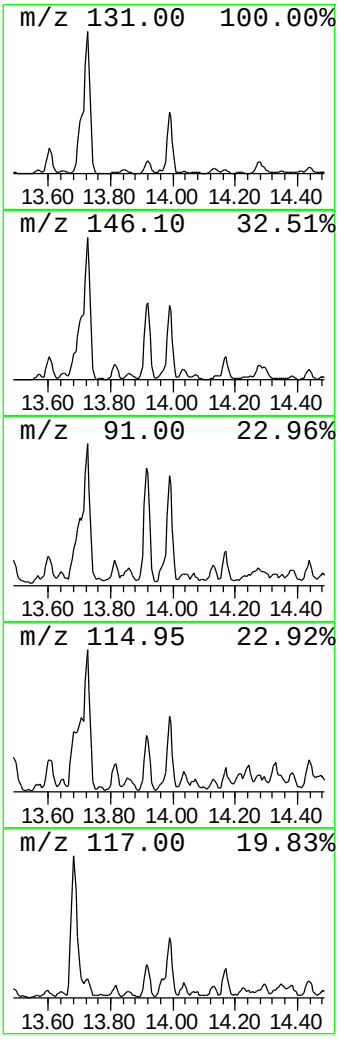
****

Peak Number 10 Benzene, (2-methyl-1-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	11.61 ug/l	271274	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060518\
Data File : VX002337.D
Acq On : 06 Jun 2018 06:10
Operator : JC/MD
Sample : J3309-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.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
Cyclohexene, 1-me...	8.57	7.2	ug/l	143263	3	10.12	995629	50.0
Benzene, 1-chloro...	10.21	8.3	ug/l	164407	3	10.12	995629	50.0
o-Cymene	12.77	17.6	ug/l	410505	4	12.09	1168690	50.0
1H-Indene, 2,3-di...	12.90	8.6	ug/l	201785	4	12.09	1168690	50.0
Cycloprop[a]inden...	13.41	17.6	ug/l	411750	4	12.09	1168690	50.0
Naphthalene, 1,2,...	13.91	8.6	ug/l	200722	4	12.09	1168690	50.0
Benzene, (2-methy...	13.99	11.6	ug/l	271274	4	12.09	1168690	50.0