LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110325\
Data File : VY023655.D
Acq On : 03 Nov 2025 13:50
Operator : SY/MD
Sample : Q3519-01
Misc : 7.91g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PL-01-103125

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_Y\methods\82Y100725S.M
Title : SW846 8260

Signal : TIC: VY023655.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.616	464	475	492	rBV2	46601	151467	3.18%	0.522%
2	7.640	959	971	976	rBV	562481	1348262	28.27%	4.642%
3	7.713	976	983	1000	rVB	929081	2167202	45.45%	7.462%
4	8.061	1030	1040	1054	rBV	432919	967305	20.28%	3.330%
5	8.616	1122	1131	1141	rBV	1451895	2844162	59.64%	9.792%
6	10.109	1367	1376	1395	rBV	2220436	3817821	80.06%	13.145%
7	11.414	1583	1590	1602	rBV	1935779	3188238	66.86%	10.977%
8	12.414	1746	1754	1762	rBV2	2477332	4768574	100.00%	16.418%
9	12.737	1802	1807	1812	rVV	38295	59184	1.24%	0.204%
10	12.895	1827	1833	1837	rBV	32459	57499	1.21%	0.198%
11	13.042	1852	1857	1863	rBV	116174	178036	3.73%	0.613%
12	13.347	1901	1907	1921	rVB	1642139	2684954	56.31%	9.244%
13	13.542	1931	1939	1943	rBV2	124939	241071	5.06%	0.830%
14	13.584	1943	1946	1955	rVB2	132621	222972	4.68%	0.768%
15	13.670	1955	1960	1965	rBV3	56460	109538	2.30%	0.377%
16	13.743	1968	1972	1977	rVB	64511	90811	1.90%	0.313%
17	13.804	1978	1982	1984	rBV	78916	109147	2.29%	0.376%
18	13.834	1984	1987	1991	rVV	81990	107880	2.26%	0.371%
19	13.889	1991	1996	2002	rVB2	260605	413984	8.68%	1.425%
20	13.999	2009	2014	2019	rVB	174219	261821	5.49%	0.901%
21	14.133	2030	2036	2039	rBV	52397	82409	1.73%	0.284%
22	14.170	2039	2042	2046	rVV3	39870	55996	1.17%	0.193%
23	14.212	2046	2049	2052	rVV	87551	119003	2.50%	0.410%
24	14.255	2052	2056	2059	rVB	146438	203978	4.28%	0.702%
25	14.298	2059	2063	2066	rBV	75799	99268	2.08%	0.342%
26	14.334	2066	2069	2073	rVB2	80337	104571	2.19%	0.360%
27	14.438	2082	2086	2089	rVB2	59434	83718	1.76%	0.288%
28	14.481	2089	2093	2098	rBV	137051	213033	4.47%	0.733%
29	14.529	2098	2101	2106	rVB	105332	141177	2.96%	0.486%
30	14.596	2106	2112	2118	rBV4	346120	756996	15.87%	2.606%
31	14.651	2118	2121	2127	rVB2	63689	102939	2.16%	0.354%
32	14.749	2132	2137	2145	rVB	267934	407828	8.55%	1.404%
33	14.822	2145	2149	2150	rBV2	44911	55806	1.17%	0.192%
34	14.858	2150	2155	2158	rVV3	157525	299499	6.28%	1.031%
35	14.889	2158	2160	2165	rVV2	112069	180774	3.79%	0.622%
36	14.968	2167	2173	2182	rVB2	163286	360429	7.56%	1.241%

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PL-01-103125

Integration Parameters: RTEINT.P
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Title : SW846 8260

37	15.200	2206	2211	2215	rBV	150968	235668	4.94%	0.811%
38	15.273	2215	2223	2226	rBV3	81227	216308	4.54%	0.745%
39	15.425	2242	2248	2255	rVB3	88409	167267	3.51%	0.576%
40	15.590	2267	2275	2276	rBV3	64090	120712	2.53%	0.416%
41	15.627	2276	2281	2289	rVB	236392	416612	8.74%	1.434%
42	15.779	2300	2306	2312	rBV4	46384	106191	2.23%	0.366%
43	15.925	2323	2330	2338	rBV	116502	236650	4.96%	0.815%
44	16.114	2353	2361	2367	rBV4	93756	215424	4.52%	0.742%
45	16.181	2367	2372	2385	rVB4	49430	128193	2.69%	0.441%
46	16.370	2396	2403	2409	rBV6	32987	88912	1.86%	0.306%
47	16.511	2421	2426	2434	rVB4	21928	55101	1.16%	0.190%

Sum of corrected areas: 29044390

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ClientSampleId :
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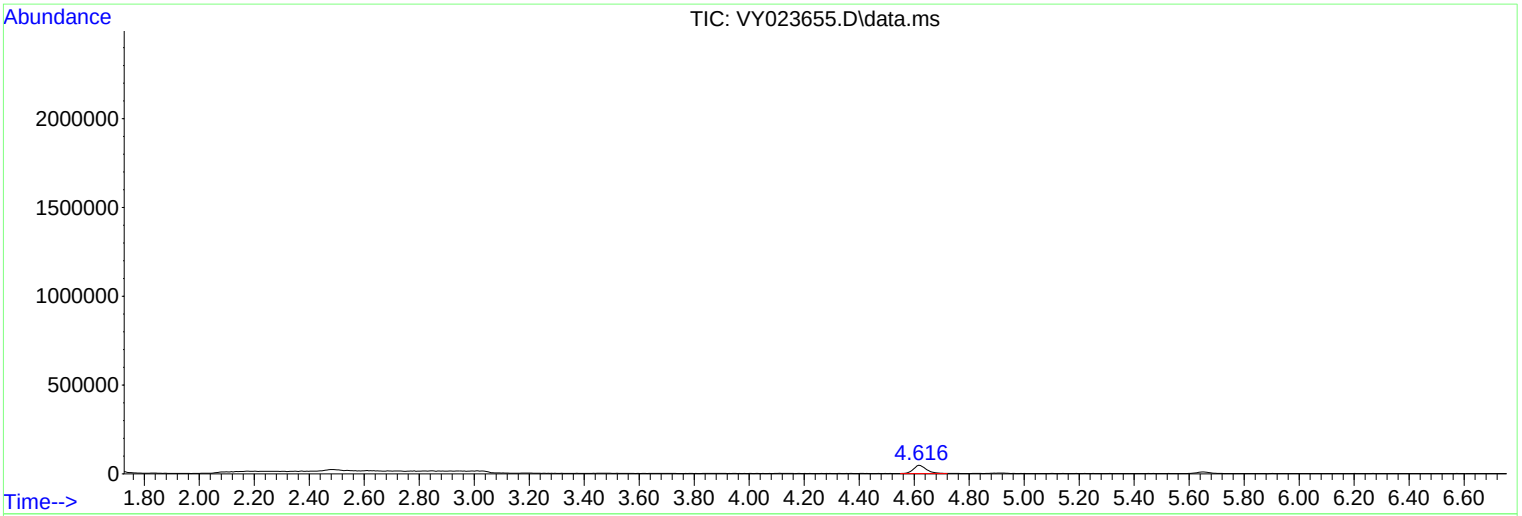
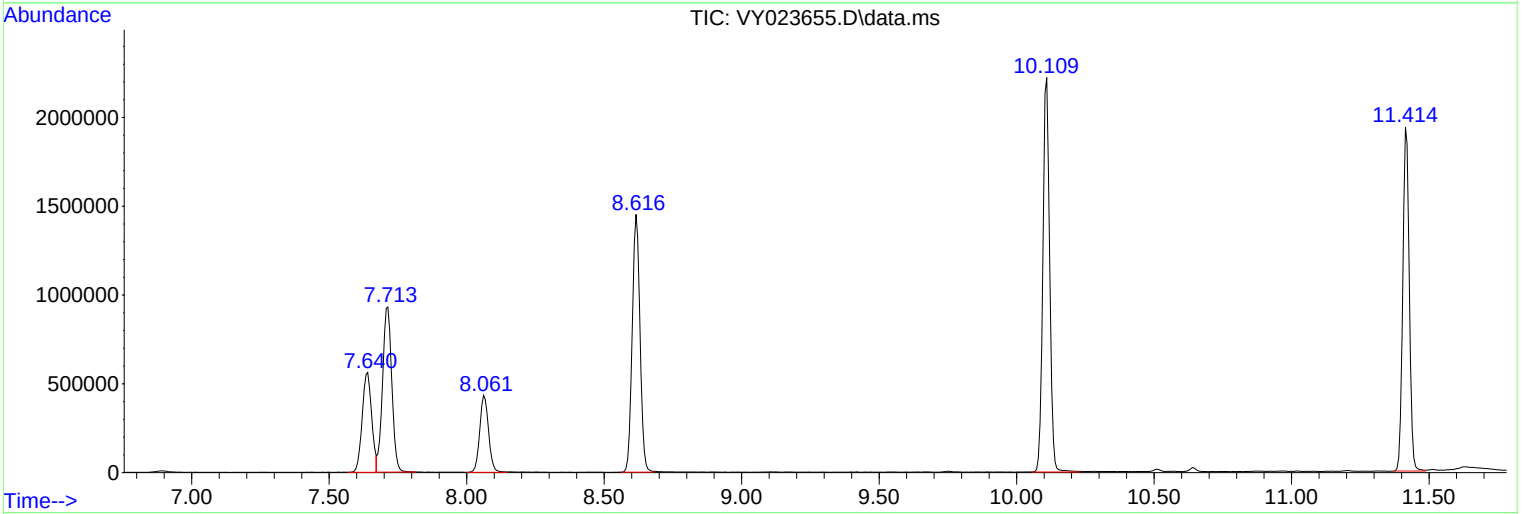
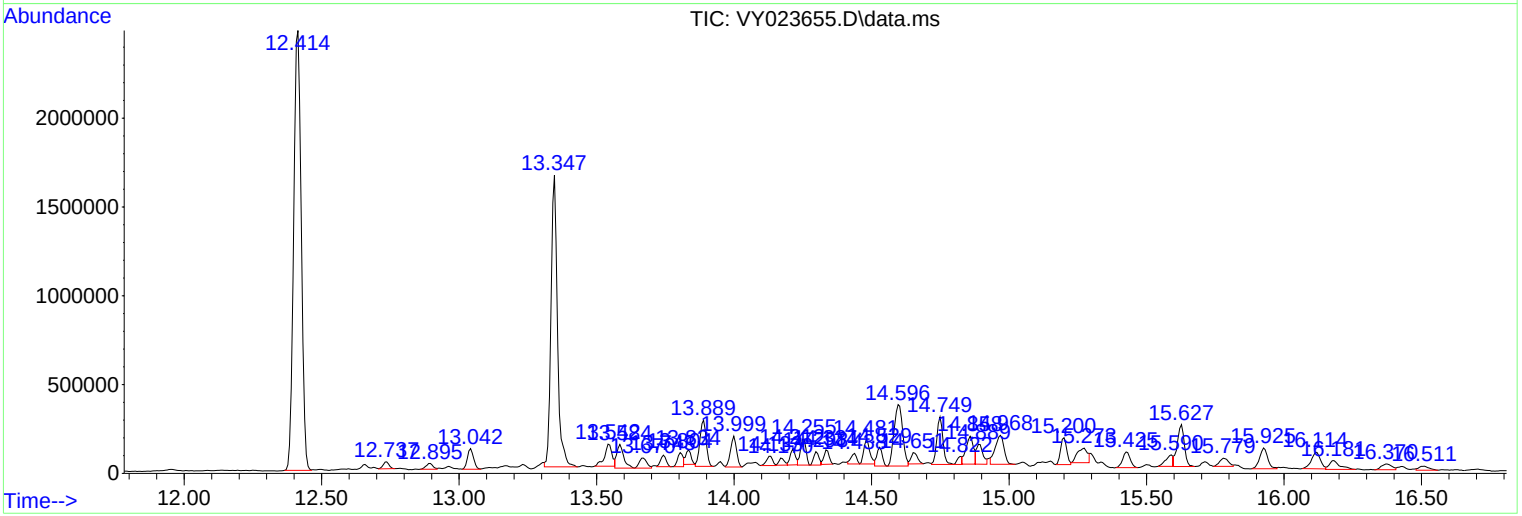
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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







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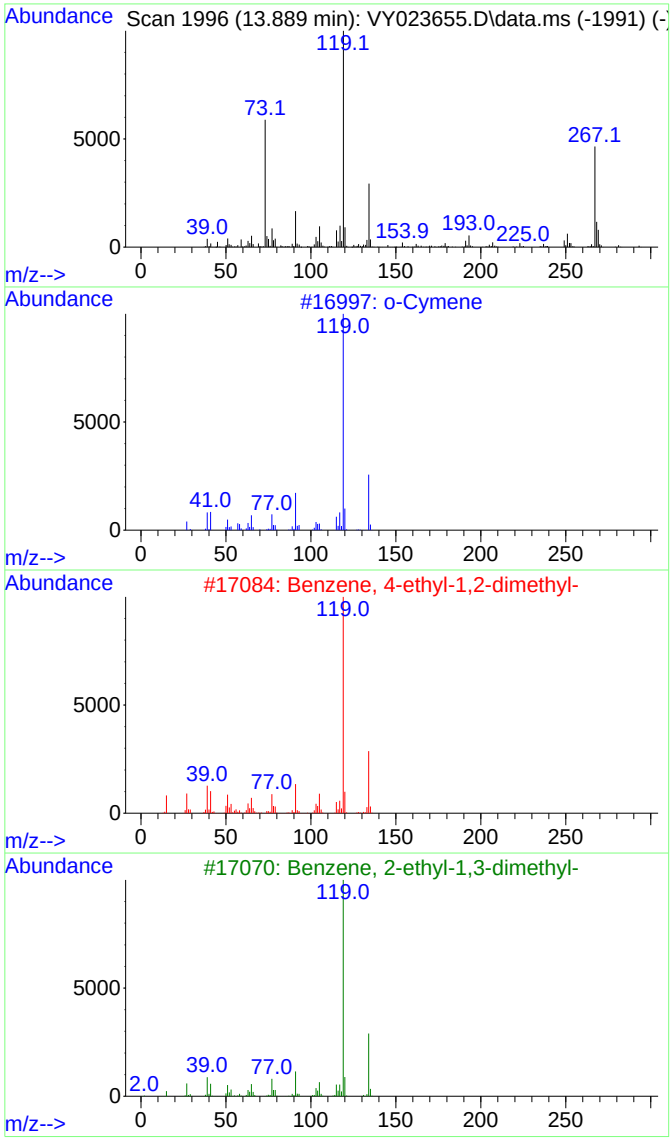
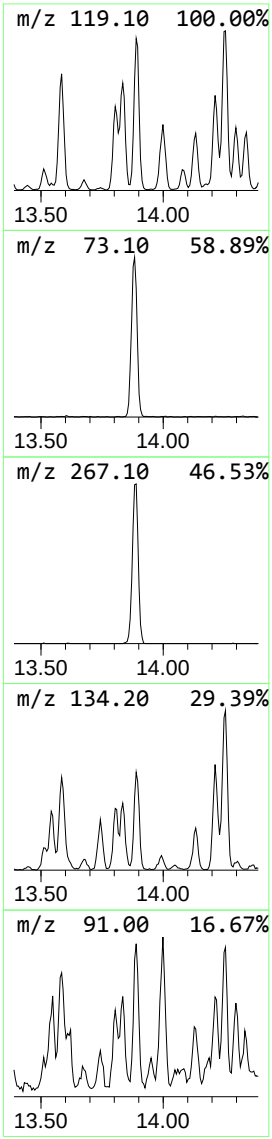
****

Peak Number 1 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.889	7.71 ug/l	413984	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	92
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4	p-Cymene	134	C10H14	000099-87-6	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90





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Instrument :
MSVOA_Y
ClientSampleId :
PL-01-103125

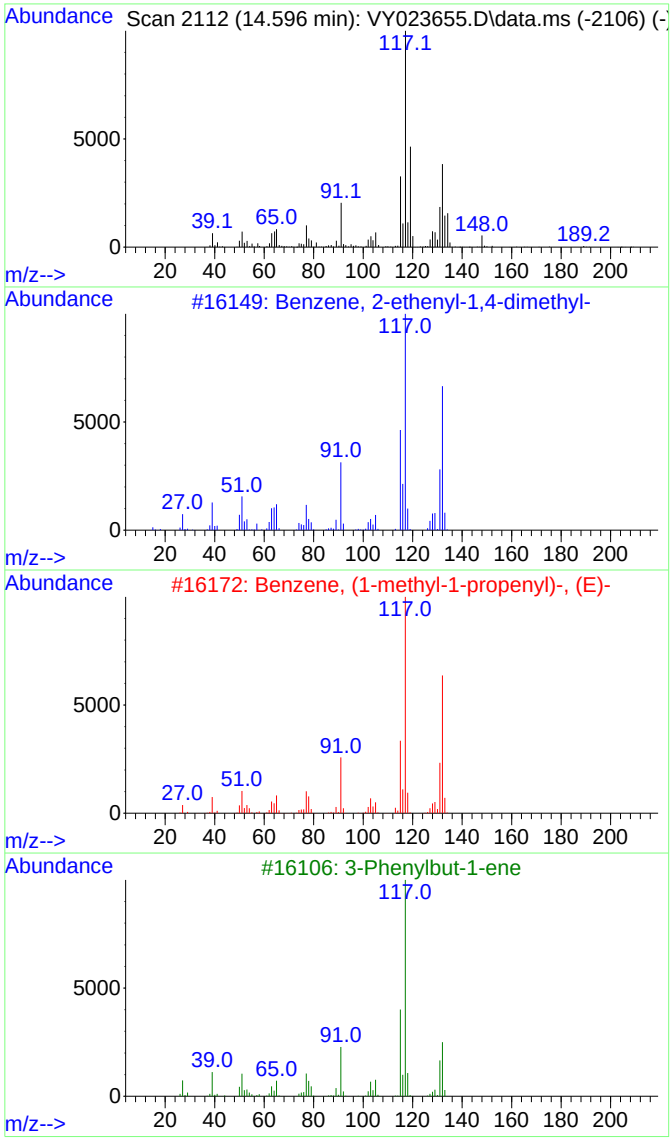
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

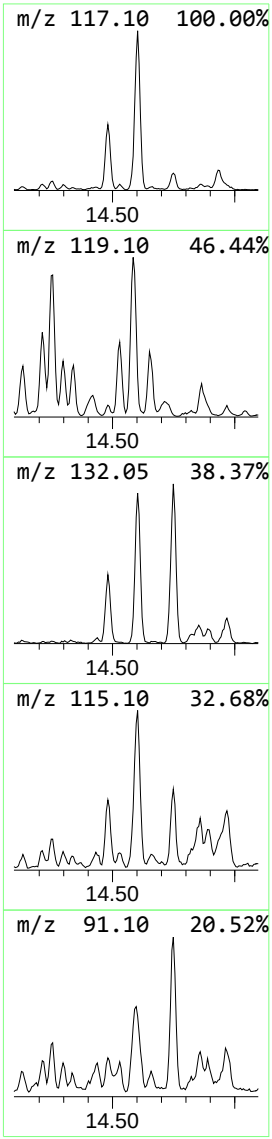
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.596	14.10 ug/l	756996	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70





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Instrument :
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ClientSampleId :
PL-01-103125

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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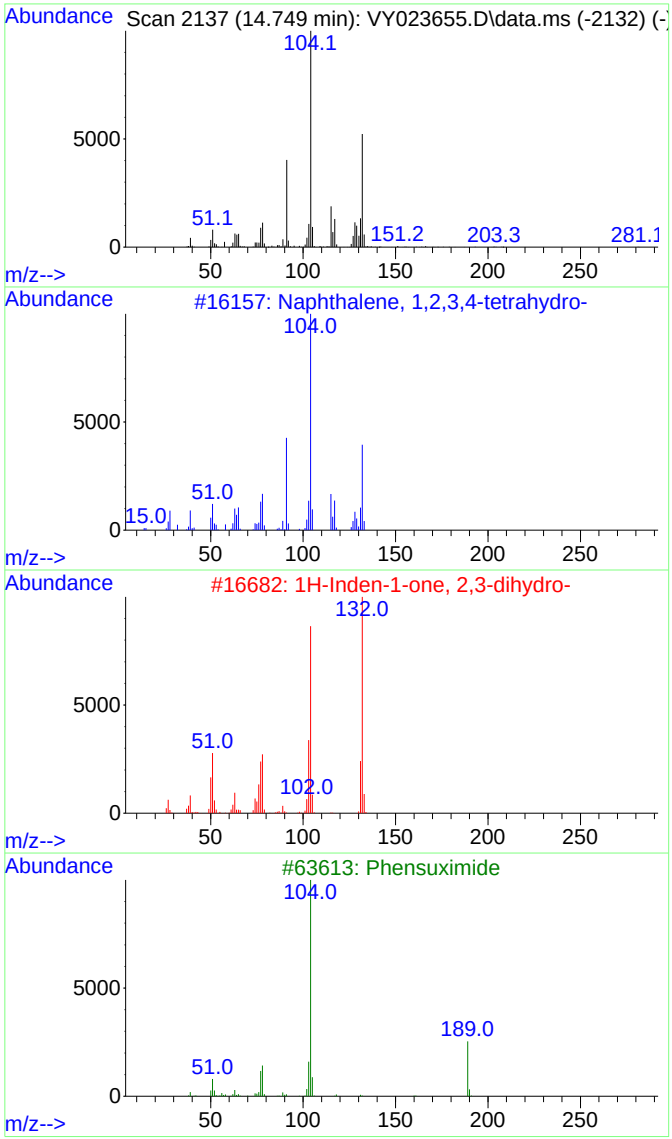
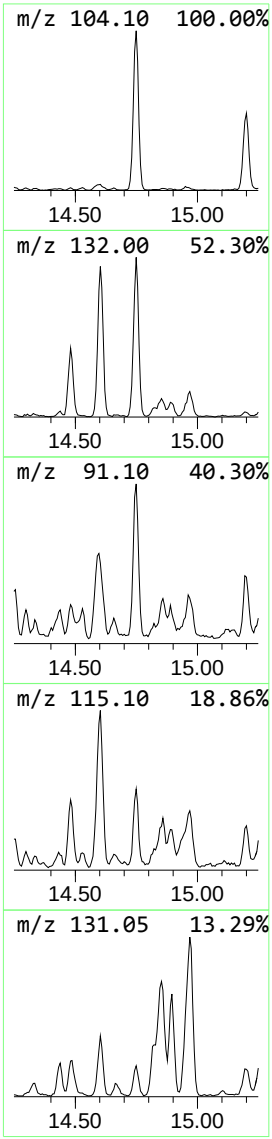
****
Peak Number 3 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.749	7.59 ug/l	407828	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	53
3	Phensuximide	189	C11H11NO2	000086-34-0	35
4	Acetic acid, 2-phenylethyl ester	164	C10H12O2	000103-45-7	35
5	1,2,3,4-Tetrahydro-3-isoquinolin...	177	C10H11NO2	067123-97-1	27





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Instrument :
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ClientSampleId :
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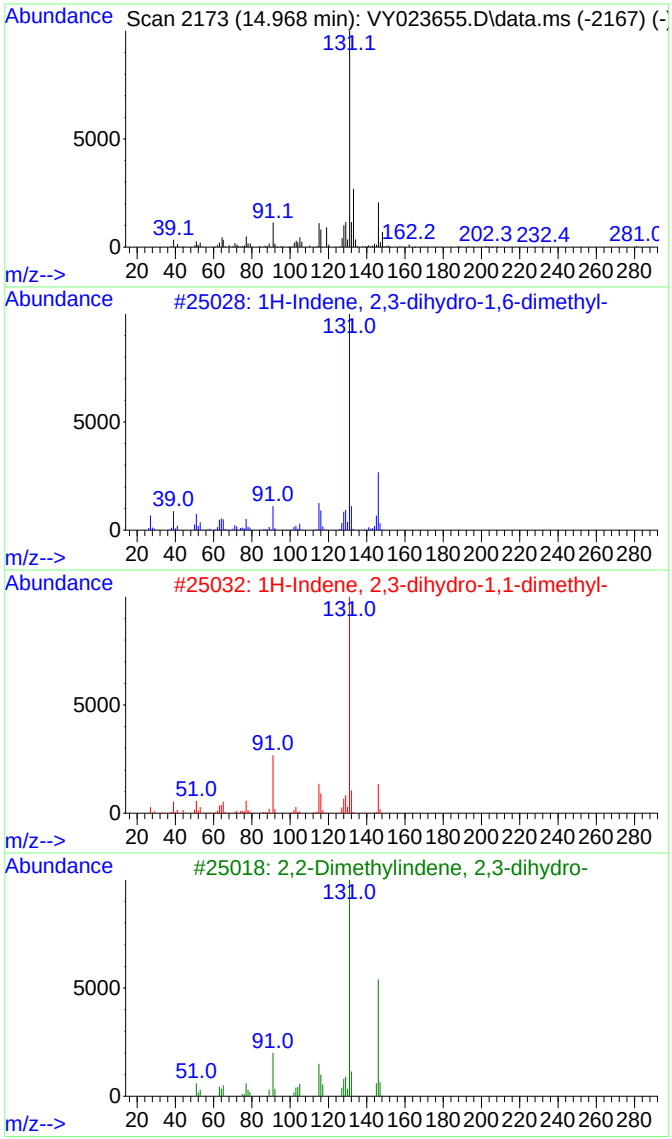
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

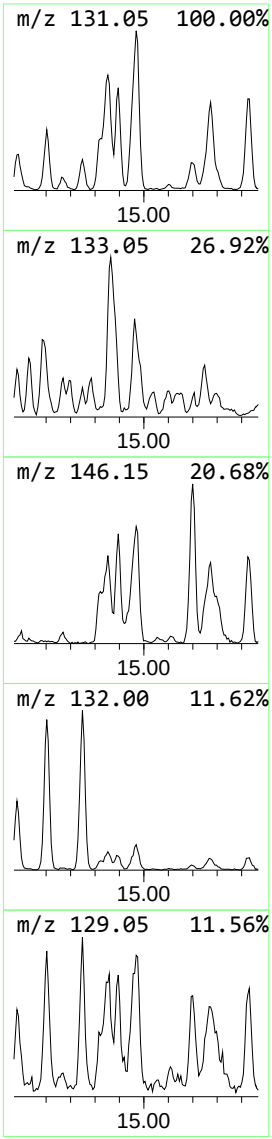
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.968	6.71 ug/l	360429	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	89
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	76
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	68





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
o-Cymene	13.889	7.7	ug/l	413984	4	13.347	2684950	50.0
Benzene, 2-ethe...	14.596	14.1	ug/l	756996	4	13.347	2684950	50.0
Naphthalene, 1,...	14.749	7.6	ug/l	407828	4	13.347	2684950	50.0
1H-Indene, 2,3-...	14.968	6.7	ug/l	360429	4	13.347	2684950	50.0