LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
Data File : VY016190.D
Acq On : 02 Nov 2023 15:11
Operator : SY/MD
Sample : 05214-05
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NL-OILY-DEBRIS

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\82Y103123S.M
Title : SW846 8260

Signal : TIC: VY016190.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.265	229	237	247	rVB3	7061	18710	2.87%	0.403%
2	3.960	342	351	362	rBV	5078	14318	2.20%	0.308%
3	4.735	467	478	488	rBV3	16203	55582	8.53%	1.197%
4	4.978	504	518	529	rBV2	13931	54138	8.31%	1.166%
5	5.765	638	647	658	rBV2	6492	19016	2.92%	0.409%
6	7.527	924	936	944	rBV7	2303	7368	1.13%	0.159%
7	7.734	959	970	975	rBV	79179	188610	28.94%	4.062%
8	7.801	975	981	993	rVB	158052	353996	54.31%	7.623%
9	8.155	1026	1039	1048	rBV2	91946	242601	37.22%	5.224%
10	8.252	1048	1055	1061	rBV3	5763	11634	1.78%	0.251%
11	8.557	1099	1105	1111	rBV4	4507	9241	1.42%	0.199%
12	8.703	1121	1129	1138	rBV	233925	467184	71.68%	10.060%
13	9.197	1205	1210	1216	rVB5	3219	6773	1.04%	0.146%
14	10.191	1365	1373	1379	rBV	376608	651782	100.00%	14.035%
15	10.252	1379	1383	1388	rVV	23954	40827	6.26%	0.879%
16	10.380	1397	1404	1411	rVB	12218	20087	3.08%	0.433%
17	10.587	1431	1438	1444	rBV	30860	54321	8.33%	1.170%
18	11.325	1554	1559	1565	rVB2	16281	28743	4.41%	0.619%
19	11.495	1580	1587	1598	rBV	354422	582315	89.34%	12.540%
20	11.709	1617	1622	1639	rVB2	11180	26302	4.04%	0.566%
21	12.343	1717	1726	1731	rBV9	3288	6918	1.06%	0.149%
22	12.489	1743	1750	1760	rVB2	309846	502384	77.08%	10.818%
23	12.812	1798	1803	1810	rVB4	8041	14095	2.16%	0.304%
24	12.922	1813	1821	1825	rBV	8456	13715	2.10%	0.295%
25	13.142	1851	1857	1860	rBV5	3133	6991	1.07%	0.151%
26	13.190	1860	1865	1873	rVB3	13586	25031	3.84%	0.539%
27	13.343	1885	1890	1897	rVV8	9248	19788	3.04%	0.426%
28	13.434	1897	1905	1912	rVB	291790	451402	69.26%	9.720%
29	13.641	1933	1939	1942	rBV7	3332	8454	1.30%	0.182%
30	13.757	1951	1958	1963	rBV5	25510	46263	7.10%	0.996%
31	13.867	1969	1976	1978	rBV8	4107	9064	1.39%	0.195%
32	13.971	1989	1993	2006	rVB3	24666	51266	7.87%	1.104%
33	14.086	2007	2012	2016	rBV	14582	25687	3.94%	0.553%
34	14.141	2016	2021	2028	rBV8	8857	23864	3.66%	0.514%
35	14.208	2029	2032	2036	rBV6	5100	7363	1.13%	0.159%
36	14.263	2037	2041	2043	rBV2	20573	30410	4.67%	0.655%

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ClientSampleId :
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Integrator: RTE
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Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Title : SW846 8260

37	14.397	2057	2063	2066	rBV2	17665	38188	5.86%	0.822%
38	14.428	2066	2068	2072	rVV4	18914	25160	3.86%	0.542%
39	14.483	2072	2077	2080	rVV6	8862	17859	2.74%	0.385%
40	14.623	2096	2100	2104	rVB5	16104	24878	3.82%	0.536%
41	14.684	2104	2110	2115	rBV6	21092	52162	8.00%	1.123%
42	14.739	2115	2119	2125	rVB4	22813	41574	6.38%	0.895%
43	14.879	2140	2142	2147	rVB5	16745	21046	3.23%	0.453%
44	14.946	2150	2153	2158	rVB3	24437	39334	6.03%	0.847%
45	15.007	2161	2163	2166	rBV3	9160	11466	1.76%	0.247%
46	15.294	2204	2210	2214	rBV6	25772	71710	11.00%	1.544%
47	15.446	2232	2235	2241	rBV7	15094	28191	4.33%	0.607%
48	15.739	2279	2283	2287	rVB7	22831	36123	5.54%	0.778%
49	16.232	2360	2364	2370	rBV3	31733	67005	10.28%	1.443%
50	16.482	2401	2405	2412	rBV6	33248	72877	11.18%	1.569%

Sum of corrected areas: 4643816

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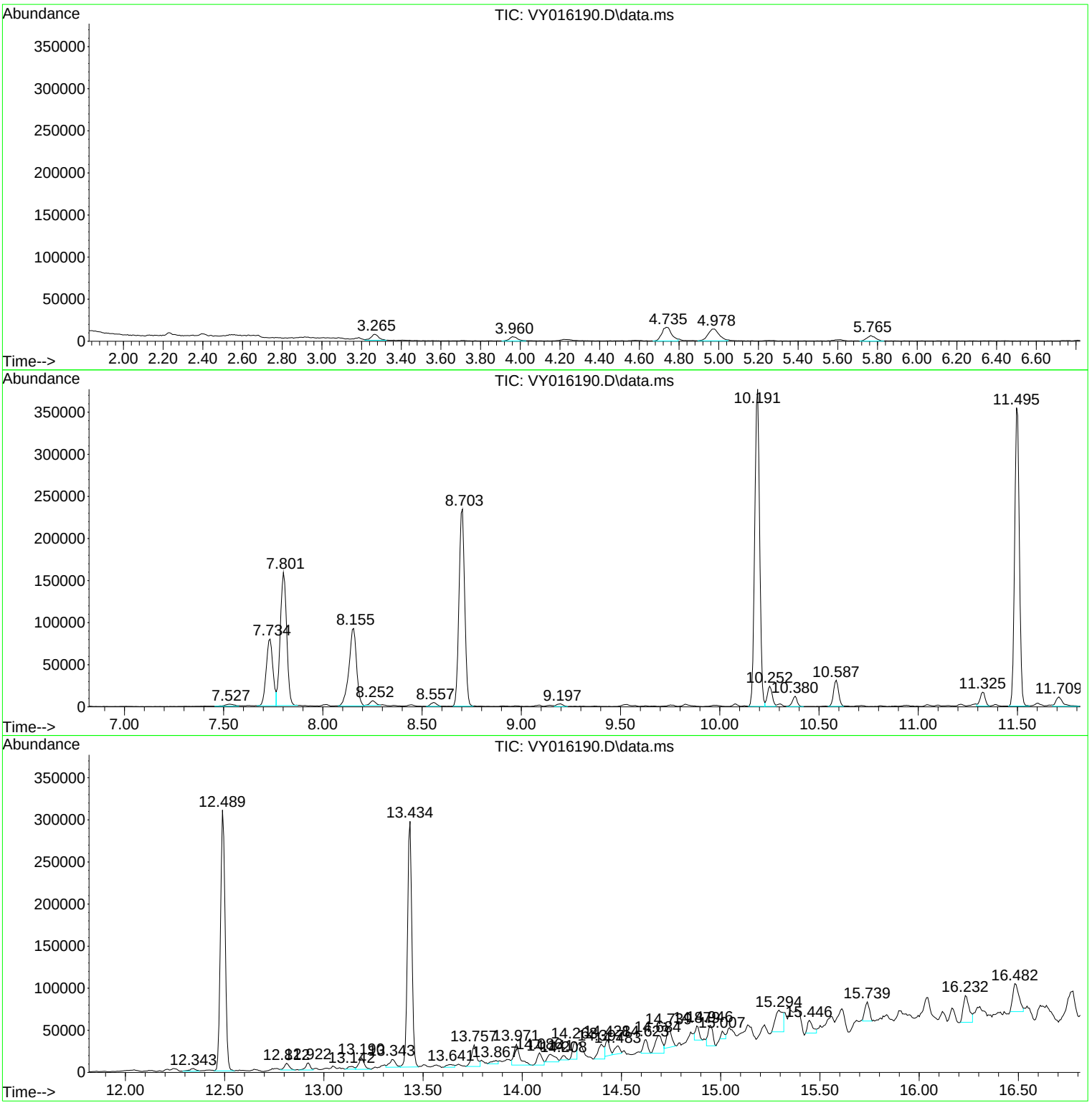
ClientSampleId :
NL-OILY-DEBRIS

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

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



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ClientSampleId :
NL-OILY-DEBRIS

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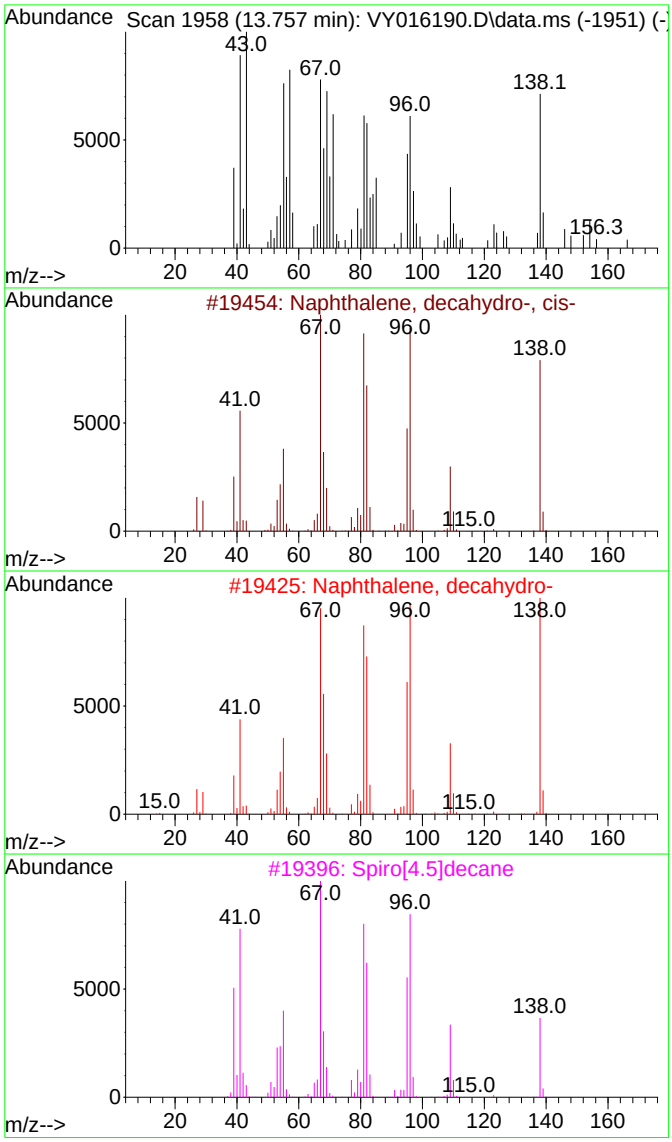
Quant Title : SW846 8260

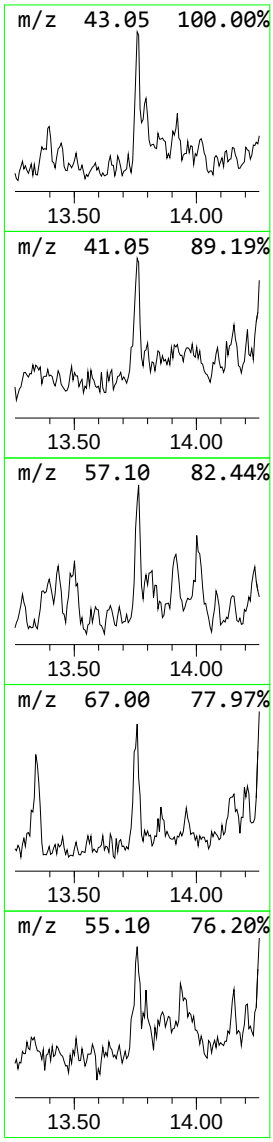
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, decahydro-, cis- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	5.12 ug/l	46263	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	95
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	93
3	Spiro[4.5]decane	138	C10H18	000176-63-6	83
4	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	70
5	2,2-Dimethyl-3-vinylcyclopentanone	138	C9H14O	1000427-24-5	62





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Instrument :
MSVOA_Y
ClientSampleId :
NL-OILY-DEBRIS

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

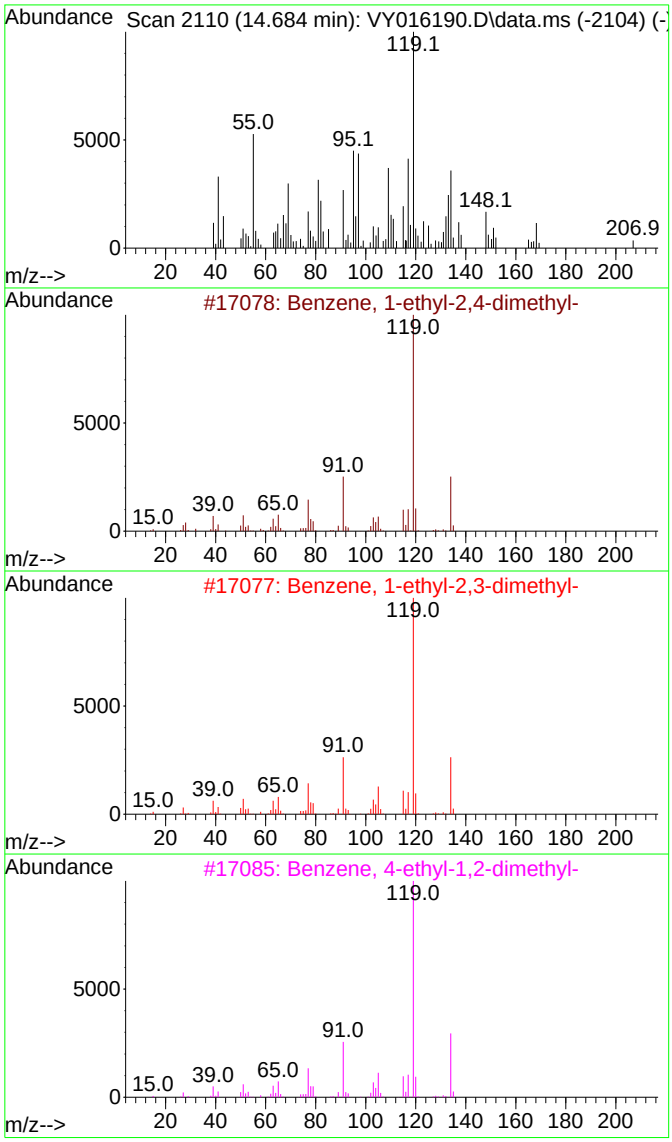
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

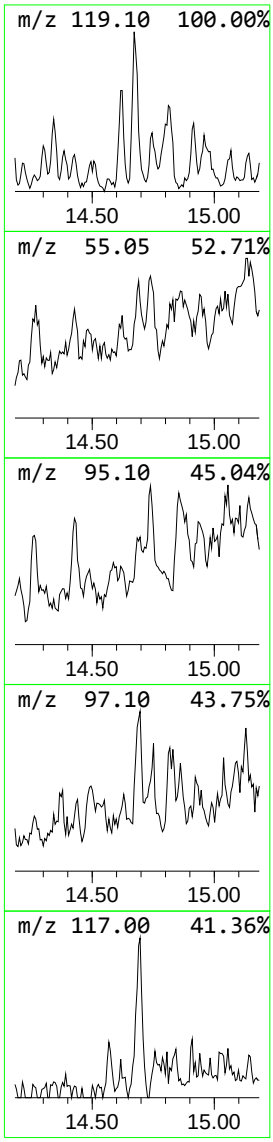
****

Peak Number 3 unknown14.684 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	5.78 ug/l	52162	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	38
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	38
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	38
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	38
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	30





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Instrument :
MSVOA_Y
ClientSampleId :
NL-OILY-DEBRIS

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

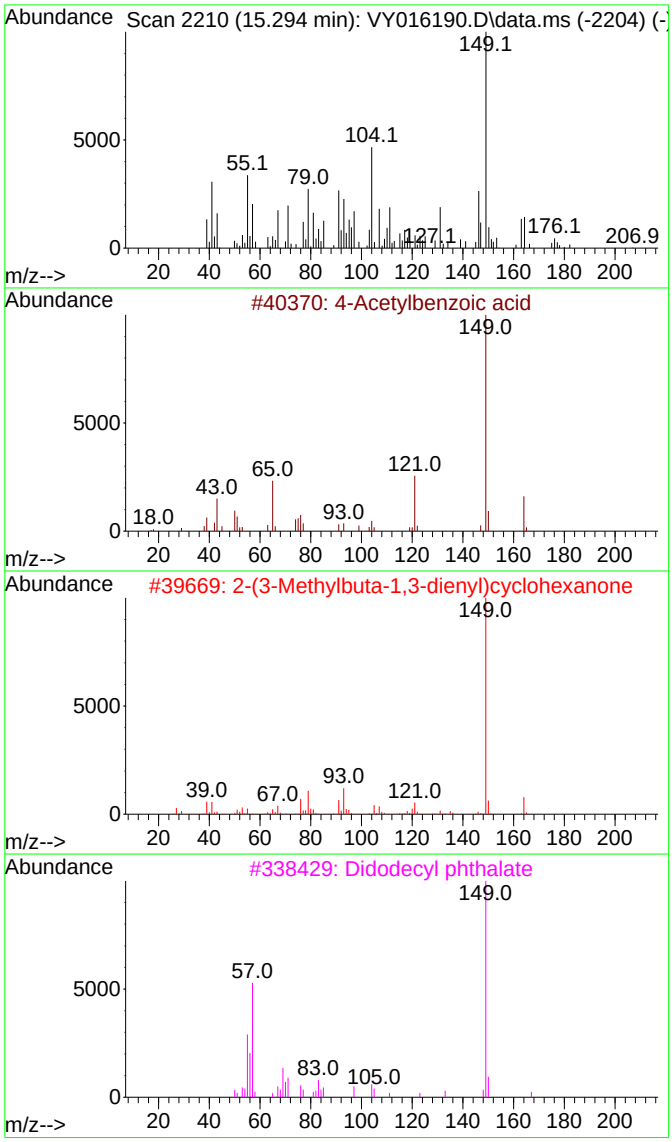
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

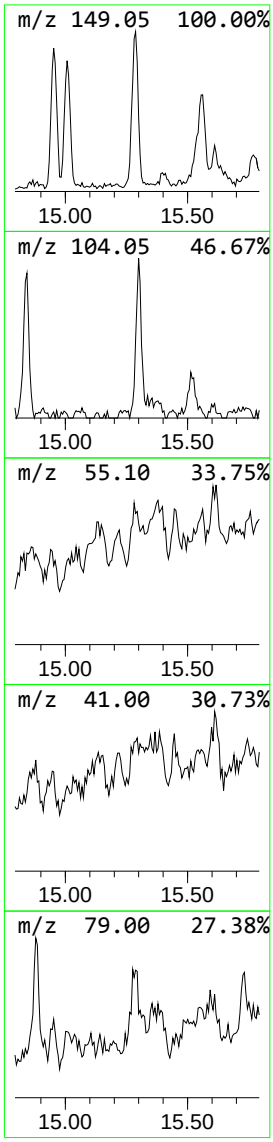
****

Peak Number 4 unknown15.294 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.294	7.94 ug/l	71710	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Acetylbenzoic acid	164	C9H8O3	000586-89-0	38
2	2-(3-Methylbuta-1,3-dienyl)cyclo...	164	C11H16O	1000191-75-5	38
3	Didodecyl phthalate	502	C32H54O4	002432-90-8	38
4	1,4-Dimethyladamantane (isomer 2)	164	C12H20	1000460-67-1	38
5	Pyridinium, 1-(acetylamino)-2,6-...	164	C9H12N2O	031020-35-6	38





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NL-OILY-DEBRIS

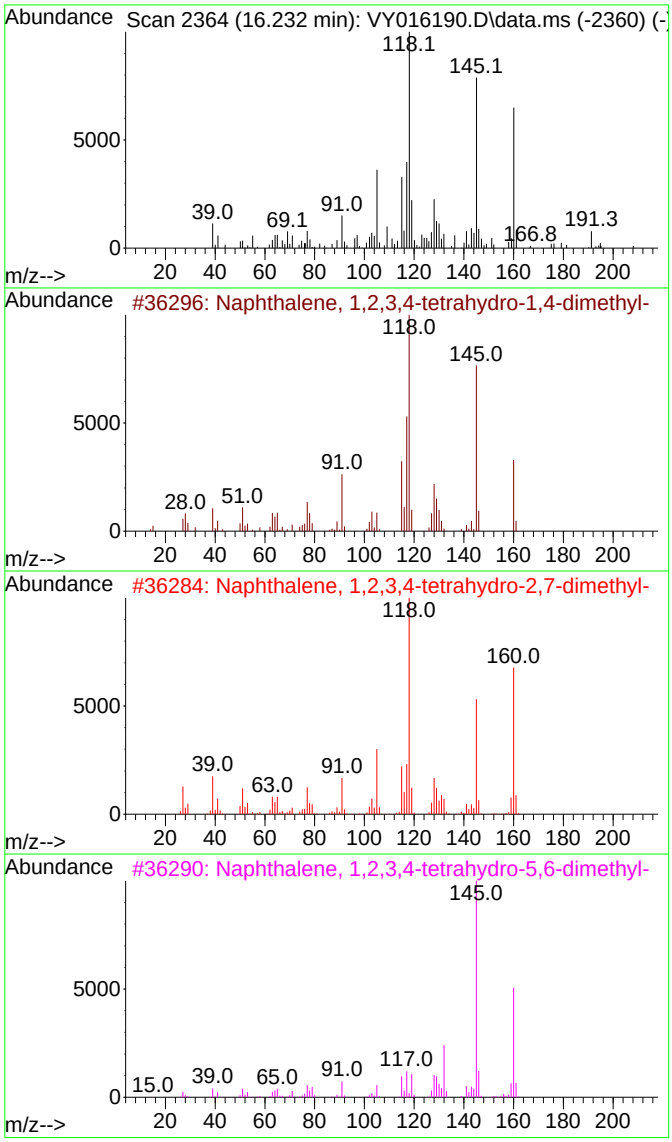
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260

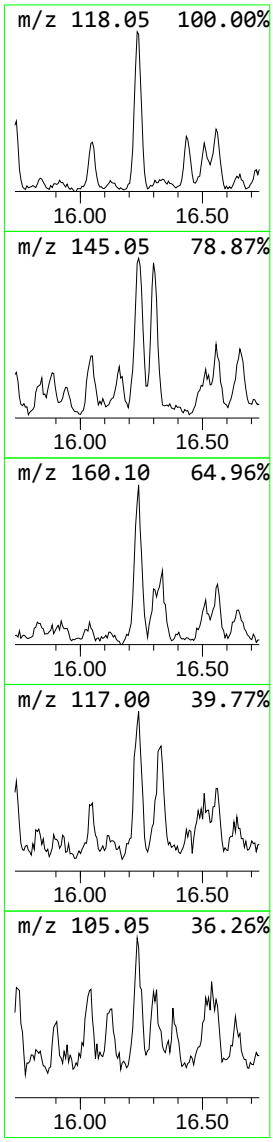
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.232	7.42 ug/l	67005	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	68
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	60
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	55
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	50





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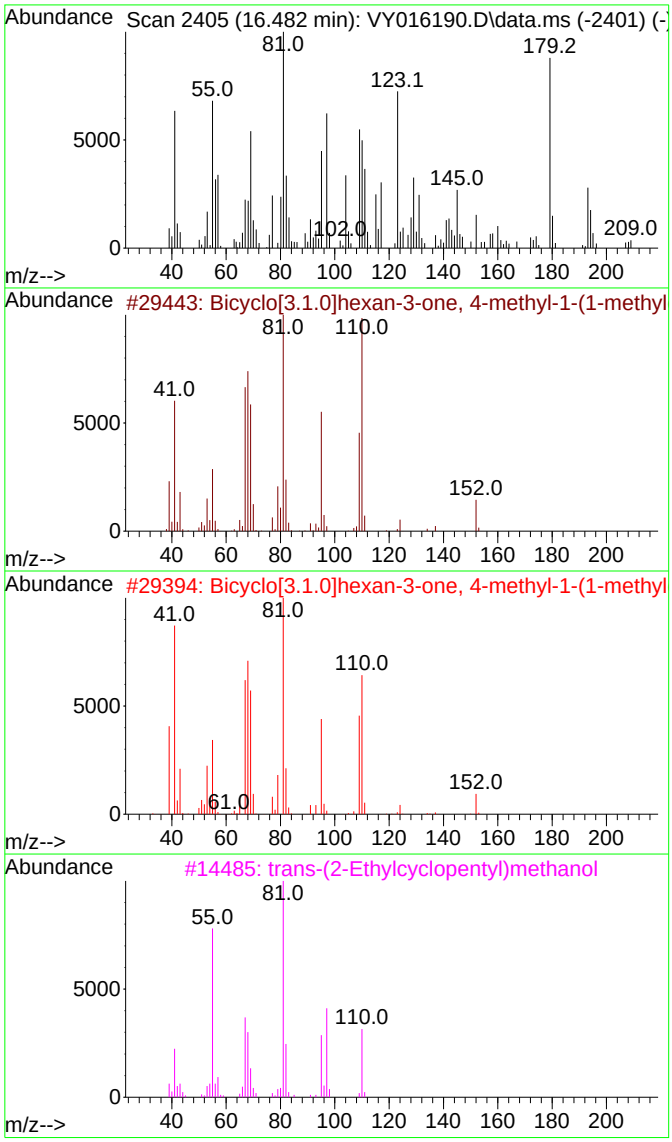
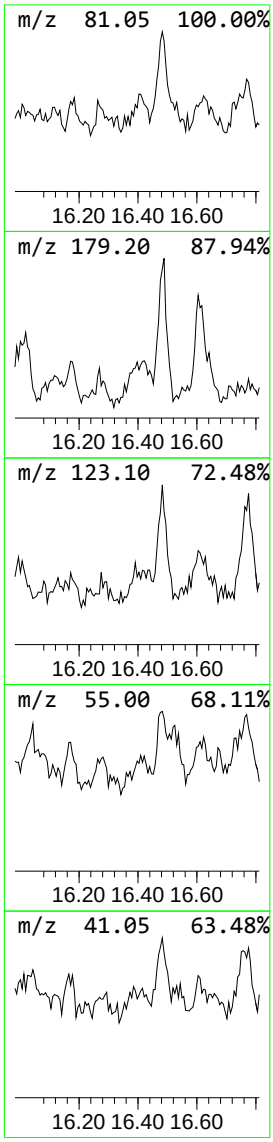
****
Peak Number 6 unknown16.482 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.482	8.07 ug/l	72877	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	000471-15-8	30
2	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	001125-12-8	30
3	trans-(2-Ethylcyclopentyl)methanol	128	C8H16O	036258-08-9	27
4	cis,trans-2,9-Dimethylspiro[5.5]...	180	C13H24	095530-74-8	27
5	2-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	000432-24-6	27





Tentatively Identified Compound (LSC) summary

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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
Naphthalene, de...	13.757	5.1	ug/l	46263	4	13.434	451402	50.0
unknown14.684	14.684	5.8	ug/l	52162	4	13.434	451402	50.0
unknown15.294	15.294	7.9	ug/l	71710	4	13.434	451402	50.0
Naphthalene, 1,...	16.232	7.4	ug/l	67005	4	13.434	451402	50.0
unknown16.482	16.482	8.1	ug/l	72877	4	13.434	451402	50.0