LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
Data File : VY008112.D
Acq On : 30 Mar 2022 15:41
Operator : SY/MD
Sample : N2155-07RE
Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 22L076-GRE

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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\82Y032522S.M
Title : SW846 8260

Signal : TIC: VY008112.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.954	340	350	369	rBV	74568	207535	30.01%	4.000%
2	4.722	467	476	485	rVB2	3634	10544	1.52%	0.203%
3	6.990	840	848	859	rBV2	3399	10336	1.49%	0.199%
4	7.722	957	968	973	rBV2	44880	107758	15.58%	2.077%
5	7.789	973	979	994	rVB	155132	355408	51.39%	6.849%
6	8.142	1026	1037	1051	rBV	91503	205642	29.74%	3.963%
7	8.691	1118	1127	1138	rBV	248653	483337	69.89%	9.315%
8	10.179	1364	1371	1377	rBV	406762	691556	100.00%	13.327%
9	10.246	1377	1382	1394	rVB	83213	140450	20.31%	2.707%
10	10.374	1394	1403	1409	rVB2	6733	11403	1.65%	0.220%
11	10.807	1468	1474	1482	rVB5	3998	6951	1.01%	0.134%
12	11.038	1508	1512	1516	rVV	4884	7530	1.09%	0.145%
13	11.093	1516	1521	1526	rVB3	6194	10977	1.59%	0.212%
14	11.203	1534	1539	1544	rBV3	3910	7218	1.04%	0.139%
15	11.288	1544	1553	1562	rVB4	12357	32315	4.67%	0.623%
16	11.386	1562	1569	1574	rBV2	8576	14279	2.06%	0.275%
17	11.489	1579	1586	1597	rVV	365297	605231	87.52%	11.664%
18	11.593	1597	1603	1606	rVV	6429	10993	1.59%	0.212%
19	11.623	1606	1608	1612	rVV4	4926	7722	1.12%	0.149%
20	11.709	1612	1622	1631	rVV3	35273	92845	13.43%	1.789%
21	12.032	1663	1675	1683	rBV5	15279	36563	5.29%	0.705%
22	12.337	1719	1725	1730	rBV3	6886	11966	1.73%	0.231%
23	12.483	1742	1749	1759	rVB	302582	469345	67.87%	9.045%
24	12.733	1784	1790	1794	rBV	8158	13435	1.94%	0.259%
25	12.806	1799	1802	1809	rVB4	12338	19277	2.79%	0.371%
26	12.977	1822	1830	1834	rBV2	3117	6978	1.01%	0.134%
27	13.123	1849	1854	1858	rBV	16192	23022	3.33%	0.444%
28	13.428	1897	1904	1914	rBV	381085	591673	85.56%	11.402%
29	13.532	1918	1921	1929	rVV2	5111	7872	1.14%	0.152%
30	13.629	1929	1937	1941	rVV	31454	49689	7.19%	0.958%
31	13.666	1941	1943	1951	rVB3	7501	10386	1.50%	0.200%
32	13.751	1952	1957	1962	rBV2	8469	13133	1.90%	0.253%
33	13.971	1988	1993	1998	rVB3	11353	18723	2.71%	0.361%
34	14.080	2006	2011	2017	rBV	8087	13968	2.02%	0.269%
35	14.336	2049	2053	2057	rVB	5910	8473	1.23%	0.163%
36	14.568	2086	2091	2095	rBV2	9589	15061	2.18%	0.290%

LSC Area Percent Report

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Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
22L076-GRE

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Title : SW846 8260

37	14.611	2095	2098	2103	rVB4	6001	8076	1.17%	0.156%
38	14.684	2103	2110	2115	rBV3	19406	36637	5.30%	0.706%
39	14.751	2115	2121	2126	rVB4	5730	10687	1.55%	0.206%
40	14.836	2130	2135	2141	rBV2	10763	17597	2.54%	0.339%
41	14.940	2147	2152	2158	rBV7	4327	9090	1.31%	0.175%
42	15.050	2164	2170	2176	rBV4	4481	8709	1.26%	0.168%
43	15.239	2191	2201	2207	rBV	261006	437767	63.30%	8.436%
44	15.336	2213	2217	2224	rBV3	6688	11874	1.72%	0.229%
45	15.696	2268	2276	2278	rBV6	3464	7704	1.11%	0.148%
46	16.293	2367	2374	2382	rVB	89442	174057	25.17%	3.354%
47	16.488	2399	2406	2415	rBV	64840	137205	19.84%	2.644%

Sum of corrected areas: 5188997

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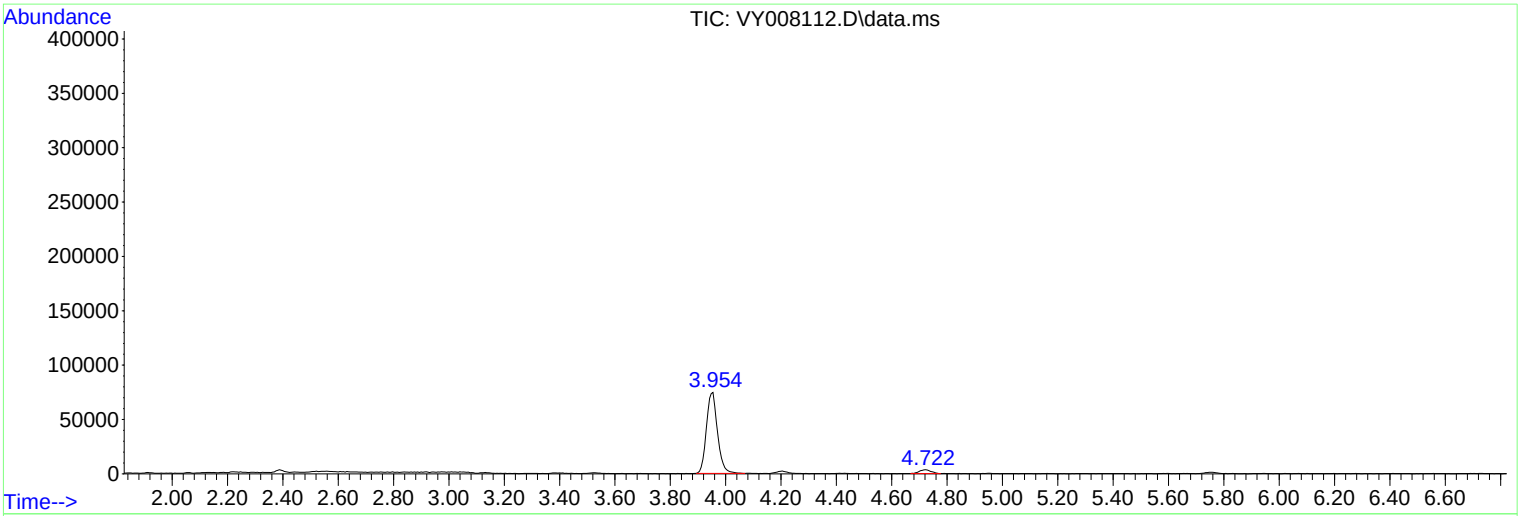
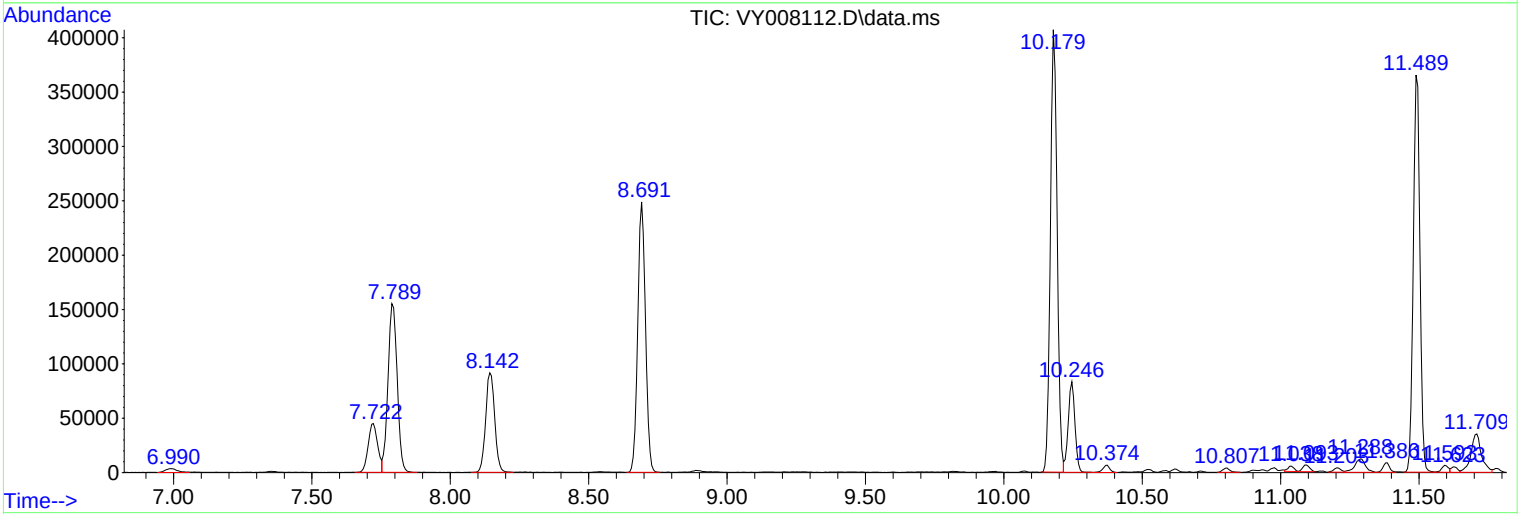
ALS Vial : 13 Sample Multiplier: 1

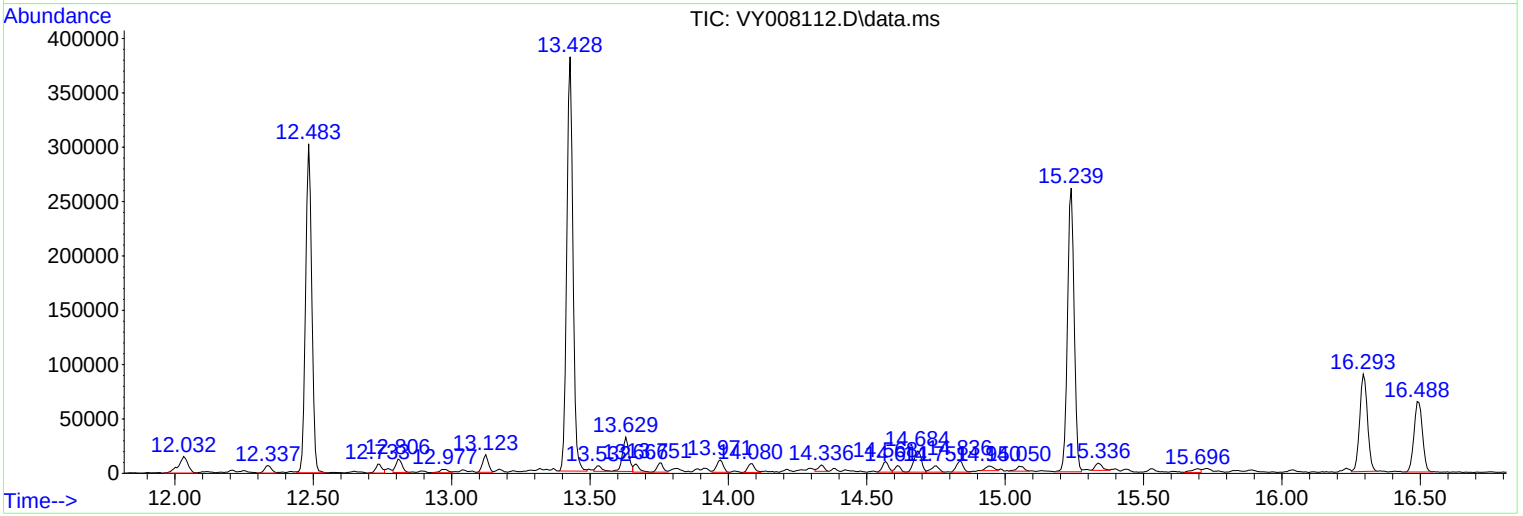
Instrument :
MSVOA_Y
ClientSampleId :
22L076-GRE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

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







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Data File : VY008112.D
Acq On : 30 Mar 2022 15:41
Operator : SY/MD
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
22L076-GRE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

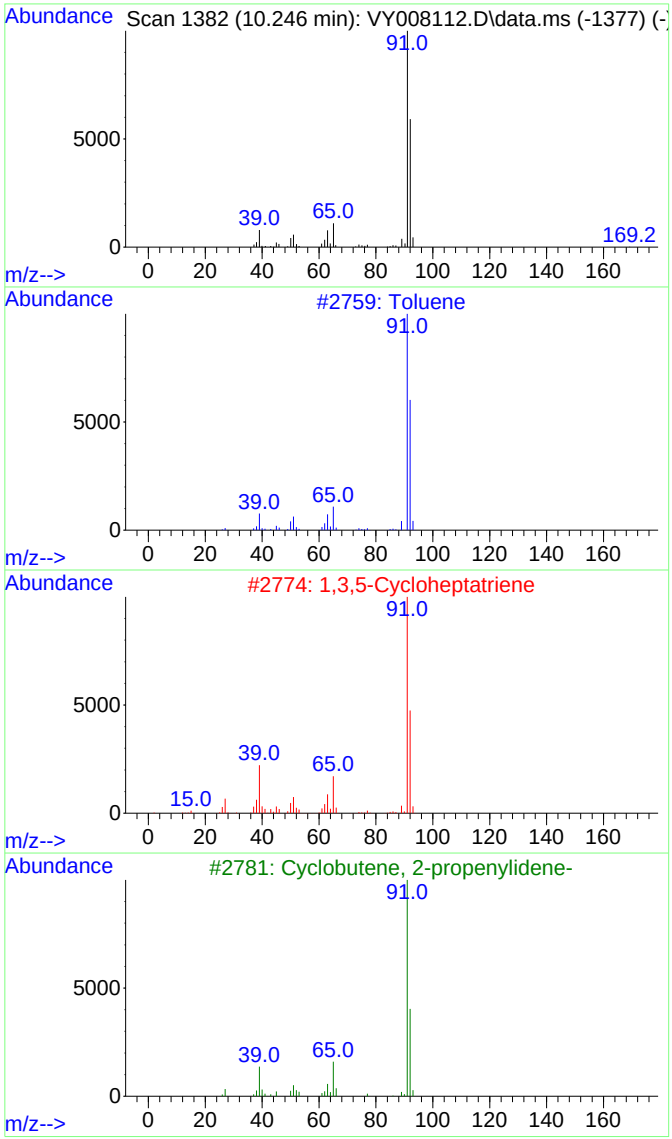
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

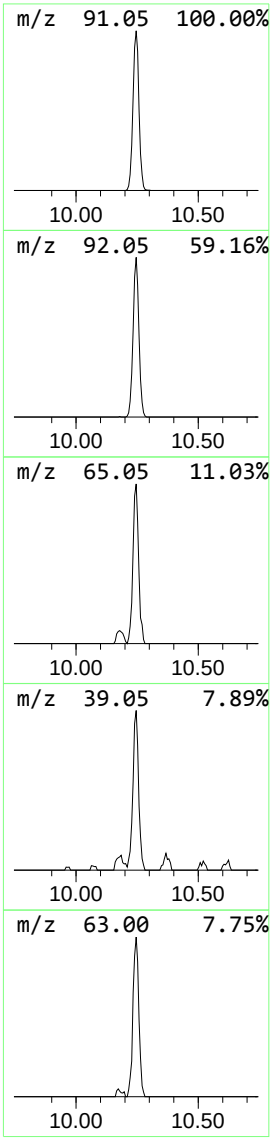
****

Peak Number 1 Toluene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.246	11.60 ug/l	140450	Chlorobenzene-d5	11.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	94
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
3	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	64
4	1,5-Heptadien-3-yne	92	C7H8	003511-27-1	59
5	Molybdenum, di-.mu.-chlorobis[(1...	532	C20H26Cl2Mo2	035625-66-2	56





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Data File : VY008112.D
Acq On : 30 Mar 2022 15:41
Operator : SY/MD
Sample : N2155-07RE
Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
22L076-GRE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

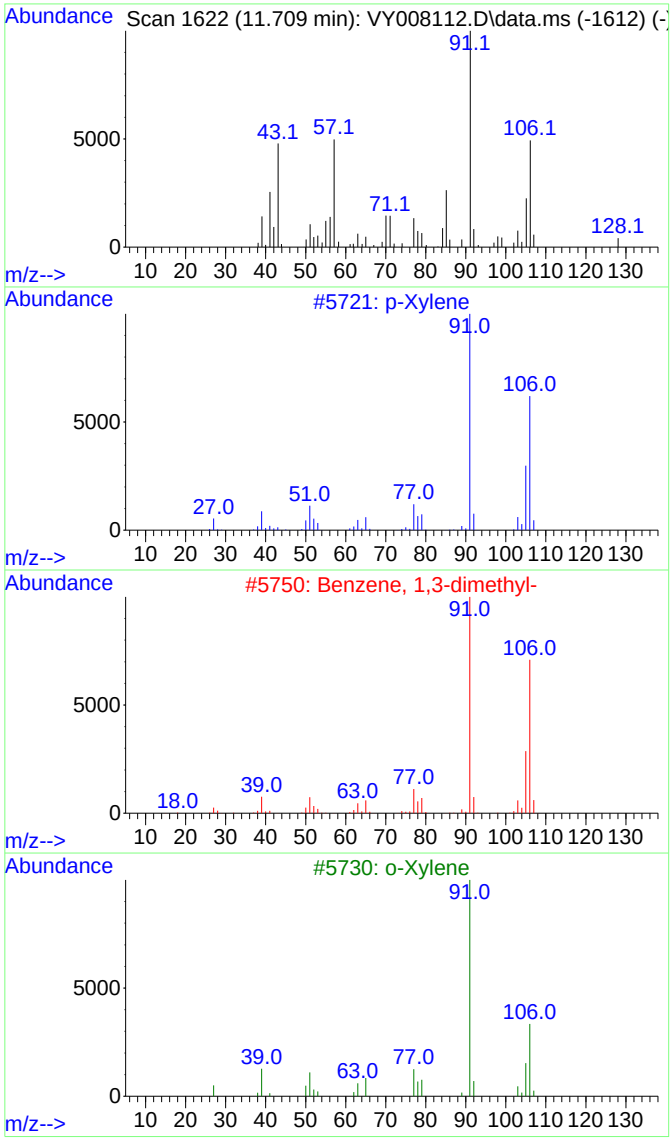
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

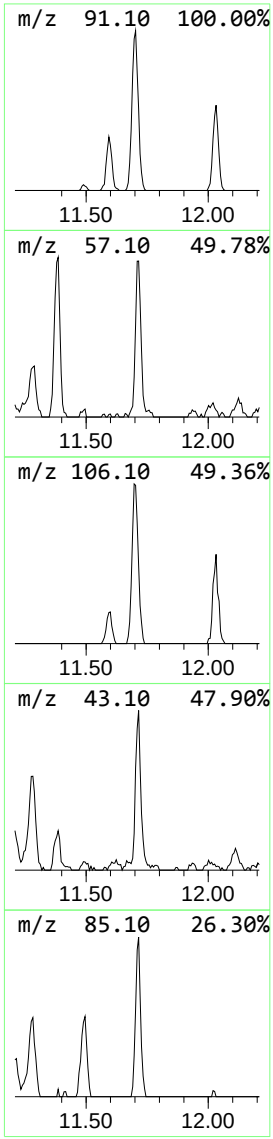
****

Peak Number 2 p-Xylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.709	7.67 ug/l	92845	Chlorobenzene-d5	11.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	93
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	92
3	o-Xylene	106	C8H10	000095-47-6	92
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	62
5	Ethylbenzene	106	C8H10	000100-41-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
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Operator : SY/MD
Sample : N2155-07RE
Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
22L076-GRE

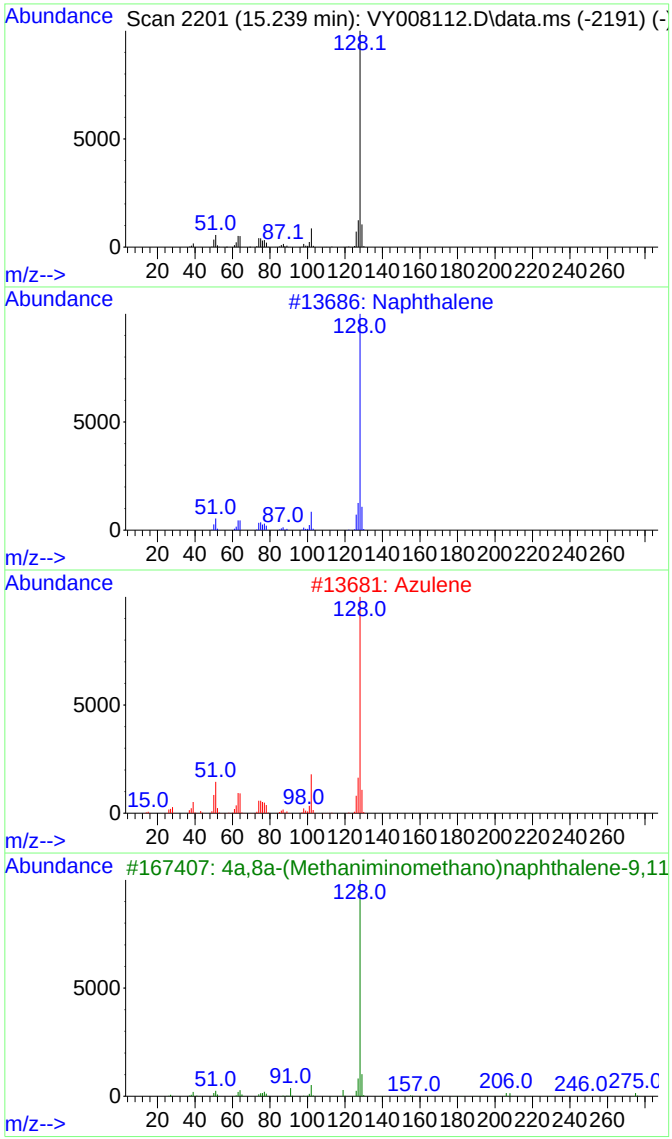
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

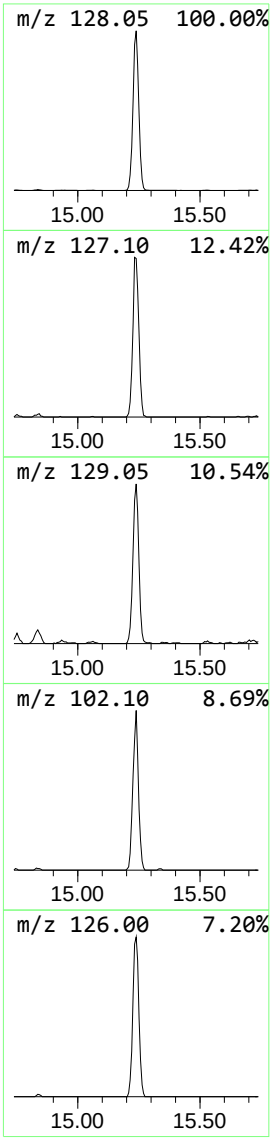
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.239	36.99 ug/l	437767	1,4-Dichlorobenzene-d4	13.428

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	64
4	1,2-Benzenedicarbonitrile	128	C8H4N2	000091-15-6	59
5	1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	59





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
22L076-GRE

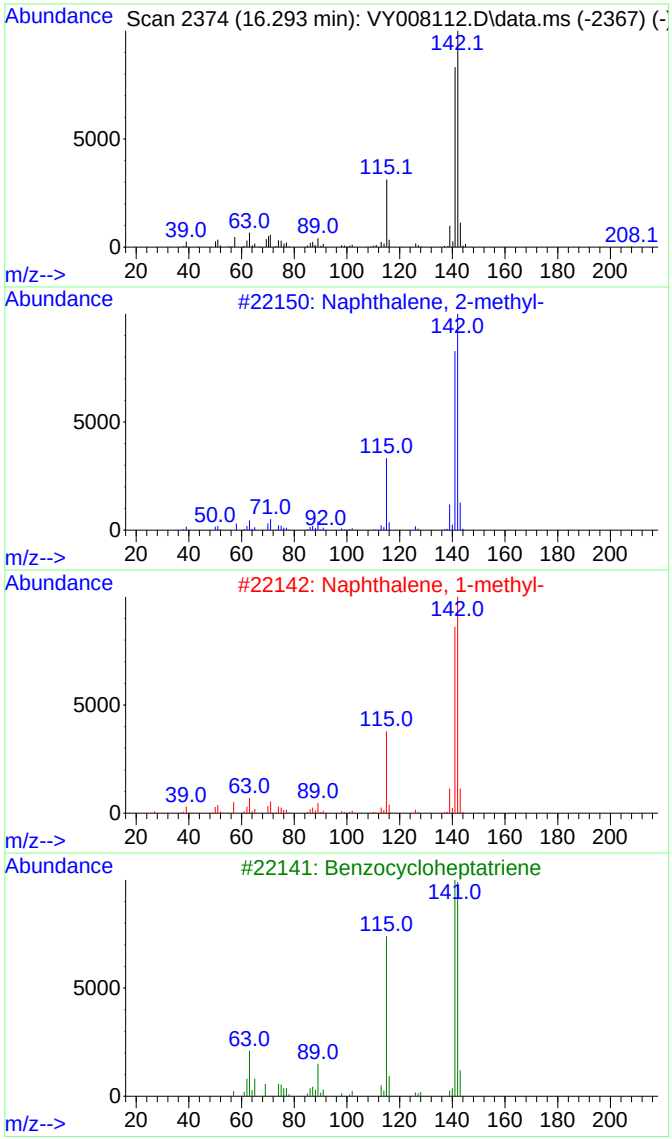
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

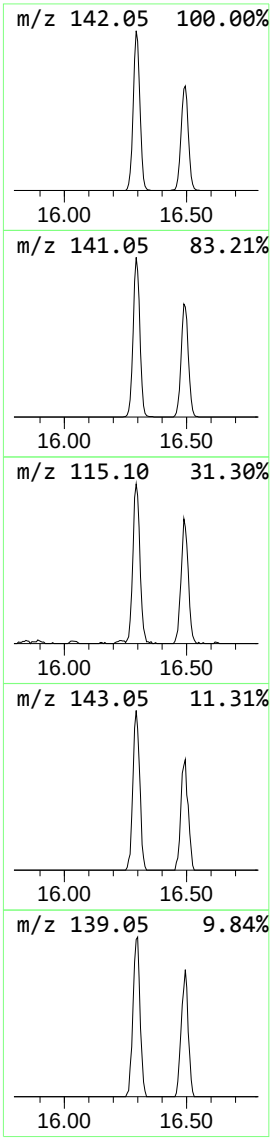
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.293	14.71 ug/l	174057	1,4-Dichlorobenzene-d4	13.428

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	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indole-4-carbonitrile	142	C9H6N2	016136-52-0	46





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Instrument :
MSVOA_Y
ClientSampleId :
22L076-GRE

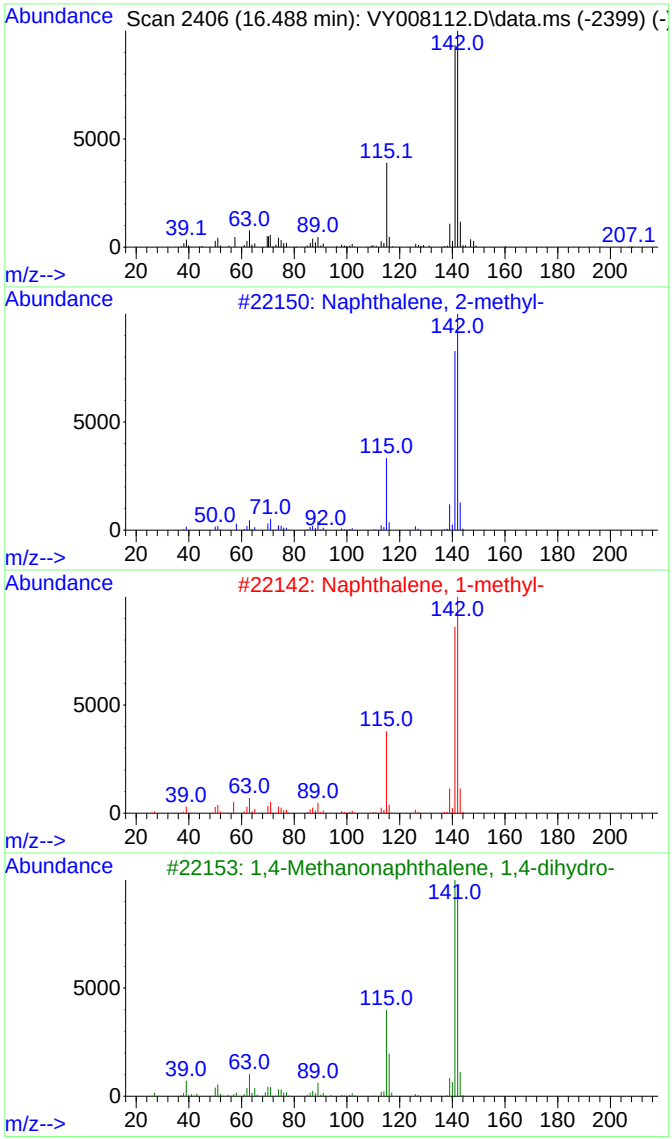
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

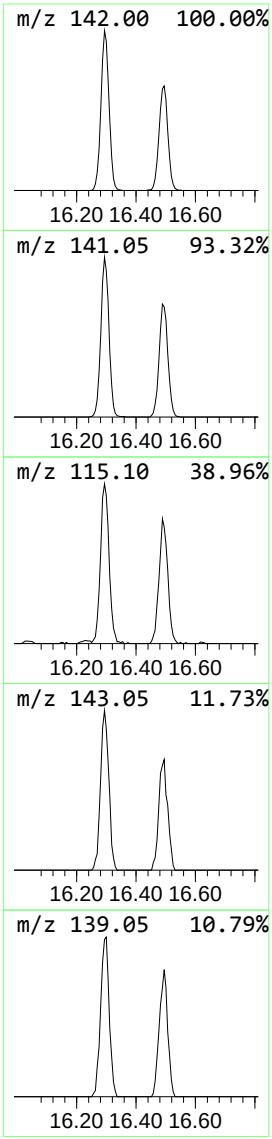
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.488	11.59 ug/l	137205	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	86





Tentatively Identified Compound (LSC) summary

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Data File : VY008112.D
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MSVOA_Y
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.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
Toluene	10.246	11.6	ug/l	140450	3	11.489	605231	50.0
p-Xylene	11.709	7.7	ug/l	92845	3	11.489	605231	50.0
Naphthalene	15.239	37.0	ug/l	437767	4	13.428	591673	50.0
Naphthalene, 2-...	16.293	14.7	ug/l	174057	4	13.428	591673	50.0
Naphthalene, 2-...	16.488	11.6	ug/l	137205	4	13.428	591673	50.0