LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
Data File : VY007306.D
Acq On : 26 Jan 2022 14:58
Operator : SY/MD
Sample : N1248-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

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\82Y011322S.M
Title : SW846 8260

Signal : TIC: VY007306.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.978	836	846	859	rBV2	7293	25137	1.83%	0.259%
2	7.722	958	968	974	rBV2	73392	175398	12.80%	1.810%
3	7.795	974	980	991	rVB	115454	257167	18.76%	2.654%
4	8.142	1026	1037	1048	rVB	67121	153146	11.17%	1.581%
5	8.691	1118	1127	1137	rBV	187199	362820	26.47%	3.744%
6	10.185	1364	1372	1378	rBV	287792	507693	37.04%	5.240%
7	10.246	1378	1382	1389	rVB	13519	22454	1.64%	0.232%
8	10.581	1432	1437	1442	rBV	8511	14416	1.05%	0.149%
9	11.489	1579	1586	1596	rVV	267850	439866	32.09%	4.540%
10	11.593	1596	1603	1612	rVV	138846	221208	16.14%	2.283%
11	11.697	1612	1620	1631	rVV	490391	891079	65.00%	9.196%
12	12.032	1663	1675	1682	rBV	225443	383823	28.00%	3.961%
13	12.123	1686	1690	1694	rVB	9728	14013	1.02%	0.145%
14	12.203	1699	1703	1706	rVV2	13444	22076	1.61%	0.228%
15	12.245	1706	1710	1715	rVV4	15665	29534	2.15%	0.305%
16	12.331	1719	1724	1729	rBV2	49718	82025	5.98%	0.847%
17	12.483	1744	1749	1759	rVB2	235092	373133	27.22%	3.851%
18	12.672	1771	1780	1785	rVB	124683	206087	15.03%	2.127%
19	12.739	1785	1791	1794	rBV	496412	820448	59.85%	8.467%
20	12.770	1794	1796	1799	rVV	234326	283947	20.71%	2.930%
21	12.812	1799	1803	1809	rVV	372227	565199	41.23%	5.833%
22	12.971	1822	1829	1836	rBV	166515	280114	20.43%	2.891%
23	13.038	1836	1840	1847	rVB3	19393	29820	2.18%	0.308%
24	13.123	1847	1854	1860	rBV	911568	1370786	100.00%	14.147%
25	13.172	1860	1862	1868	rVB5	11474	18610	1.36%	0.192%
26	13.251	1868	1875	1879	rBV2	18502	37649	2.75%	0.389%
27	13.318	1879	1886	1891	rBV2	36264	73509	5.36%	0.759%
28	13.367	1891	1894	1898	rVB	25408	34188	2.49%	0.353%
29	13.428	1898	1904	1906	rBV	207196	320910	23.41%	3.312%
30	13.459	1906	1909	1914	rVB	205000	291687	21.28%	3.010%
31	13.593	1924	1931	1933	rBV	81821	117589	8.58%	1.214%
32	13.629	1933	1937	1940	rVV2	173393	280684	20.48%	2.897%
33	13.666	1940	1943	1952	rVV2	102046	185764	13.55%	1.917%
34	13.751	1952	1957	1962	rVV3	48358	75174	5.48%	0.776%
35	13.812	1962	1967	1973	rVV2	33954	74970	5.47%	0.774%
36	13.885	1974	1979	1982	rVV	39066	66735	4.87%	0.689%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
Data File : VY007306.D
Acq On : 26 Jan 2022 14:58
Operator : SY/MD
Sample : N1248-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

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\82Y011322S.M
Title : SW846 8260

37	13.916	1982	1984	1988	rVV	40803	52267	3.81%	0.539%
38	13.971	1988	1993	1999	rVB2	95226	145726	10.63%	1.504%
39	14.080	2006	2011	2016	rVB3	33112	53881	3.93%	0.556%
40	14.215	2028	2033	2037	rBV2	13565	22520	1.64%	0.232%
41	14.263	2037	2041	2043	rVV4	12048	20630	1.50%	0.213%
42	14.294	2043	2046	2050	rVV	24767	41282	3.01%	0.426%
43	14.336	2050	2053	2057	rVV	32514	44545	3.25%	0.460%
44	14.379	2057	2060	2064	rVV2	9379	14519	1.06%	0.150%
45	14.422	2064	2067	2075	rVV4	11111	19133	1.40%	0.197%
46	14.617	2095	2099	2103	rVB2	10389	15589	1.14%	0.161%
47	14.672	2103	2108	2115	rBV3	33157	65140	4.75%	0.672%
48	15.239	2194	2201	2207	rVB	48734	85583	6.24%	0.883%

Sum of corrected areas: 9689673

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Operator : SY/MD
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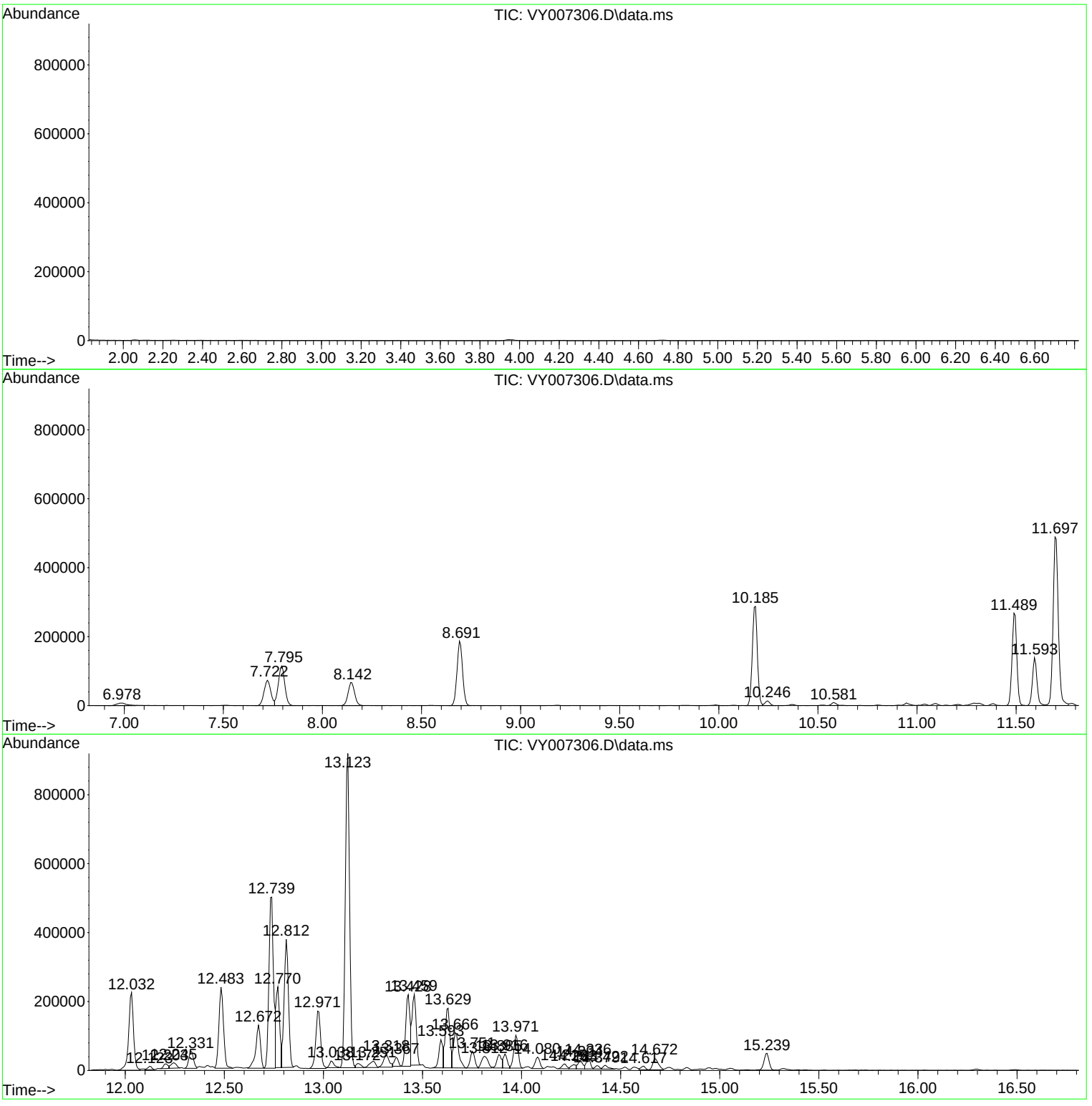
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
Data File : VY007306.D
Acq On : 26 Jan 2022 14:58
Operator : SY/MD
Sample : N1248-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

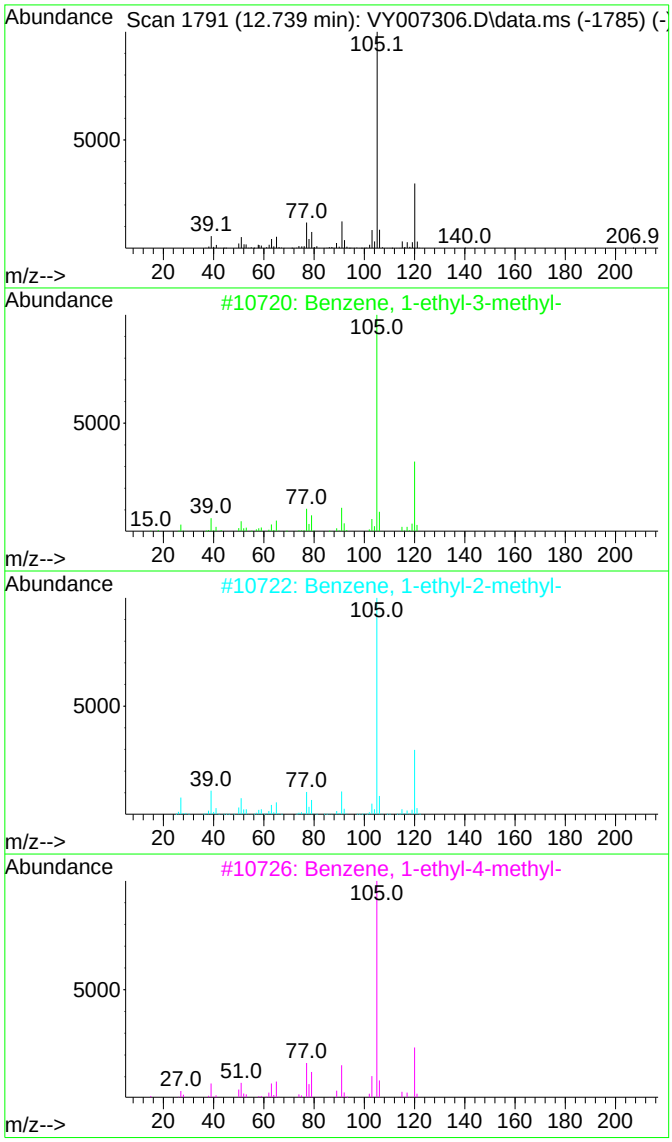
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

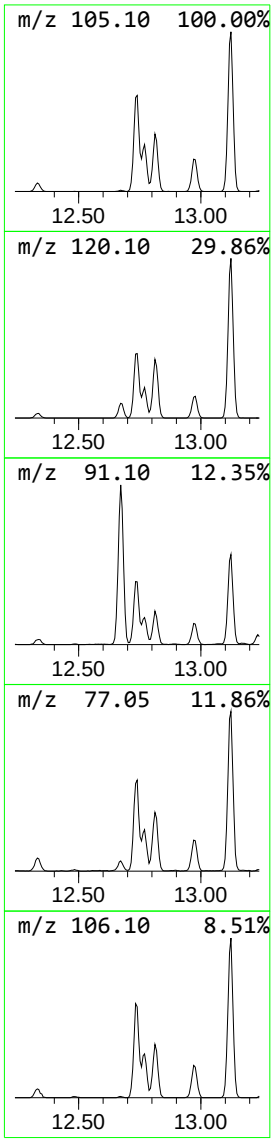
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.739	127.83 ug/l	820448	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
Data File : VY007306.D
Acq On : 26 Jan 2022 14:58
Operator : SY/MD
Sample : N1248-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

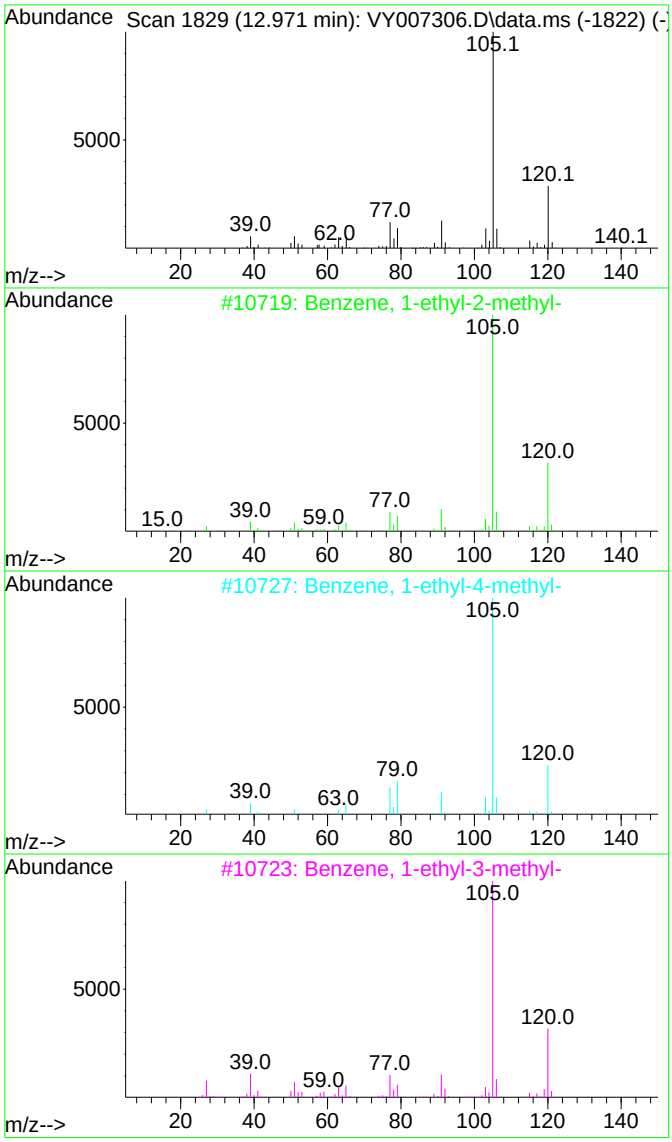
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

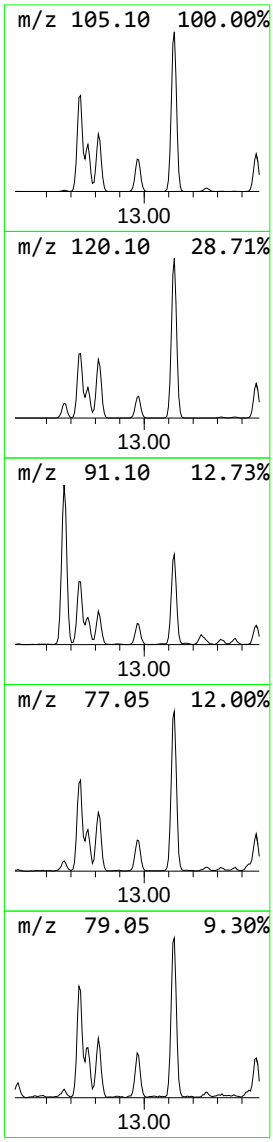
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	43.64 ug/l	280114	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
Data File : VY007306.D
Acq On : 26 Jan 2022 14:58
Operator : SY/MD
Sample : N1248-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

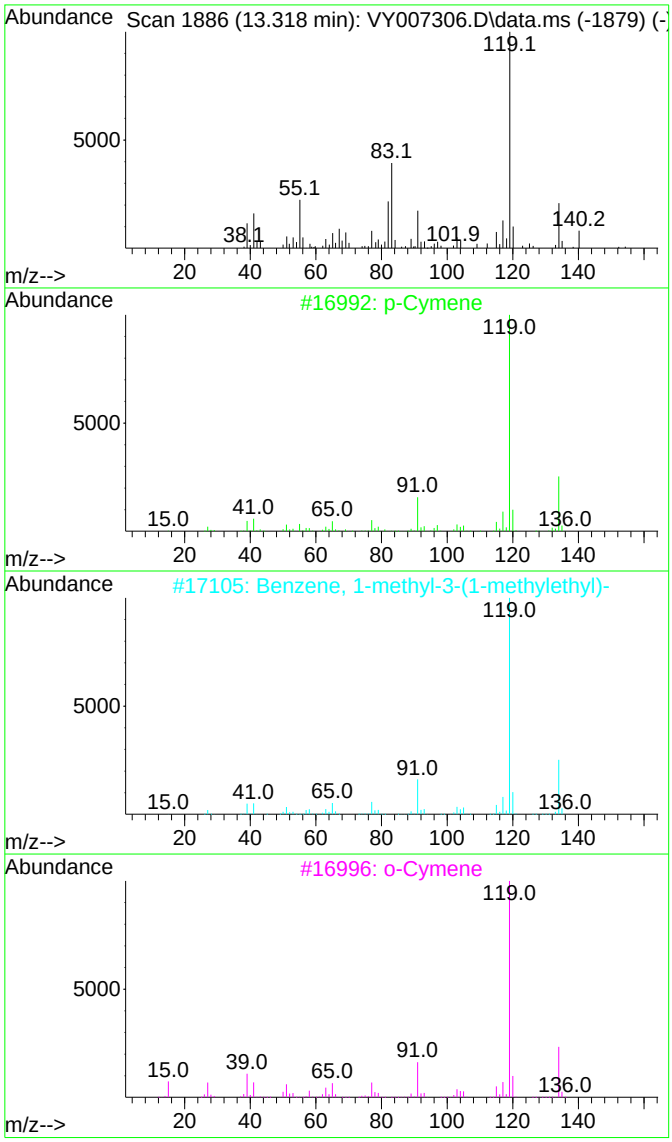
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

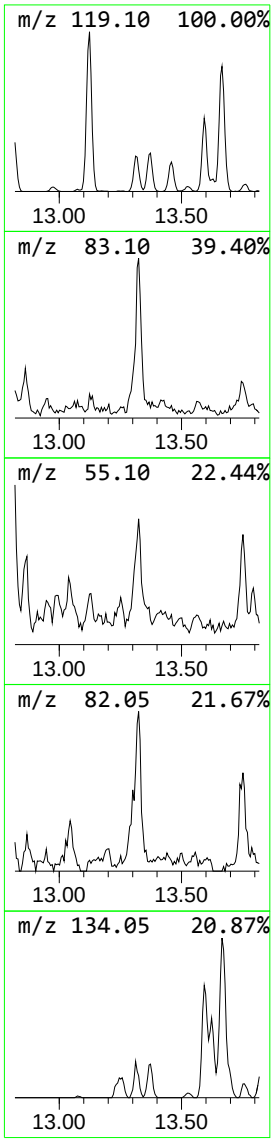
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-methyl-3-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.318	11.45 ug/l	73509	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	91
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3	o-Cymene	134	C10H14	000527-84-4	91
4	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	91
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
Data File : VY007306.D
Acq On : 26 Jan 2022 14:58
Operator : SY/MD
Sample : N1248-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

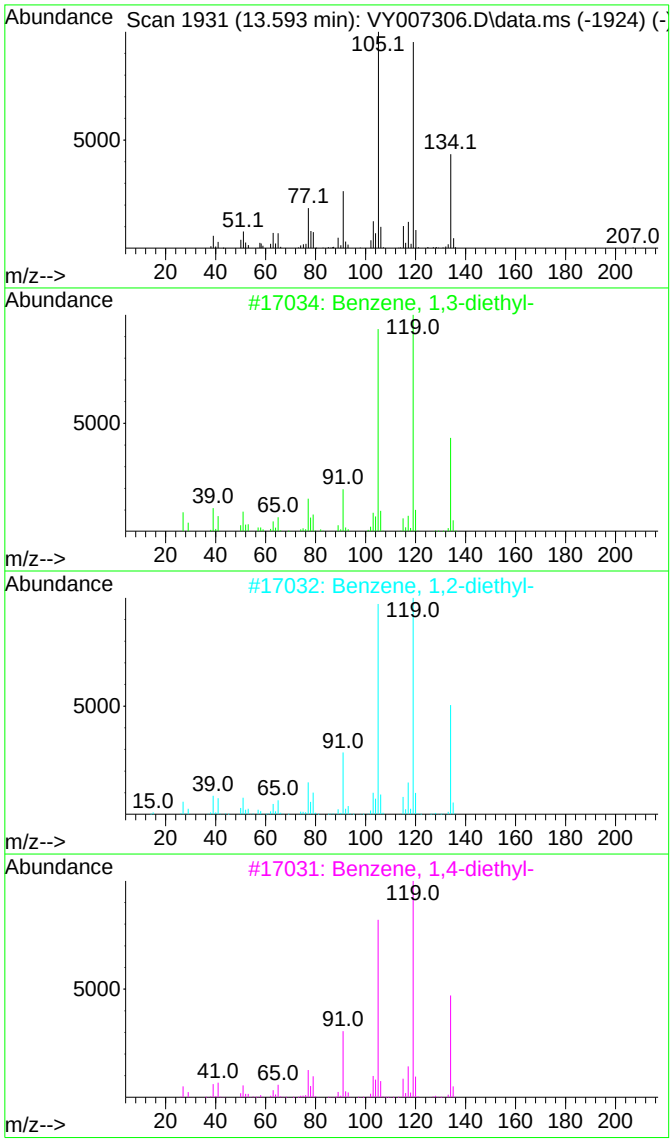
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

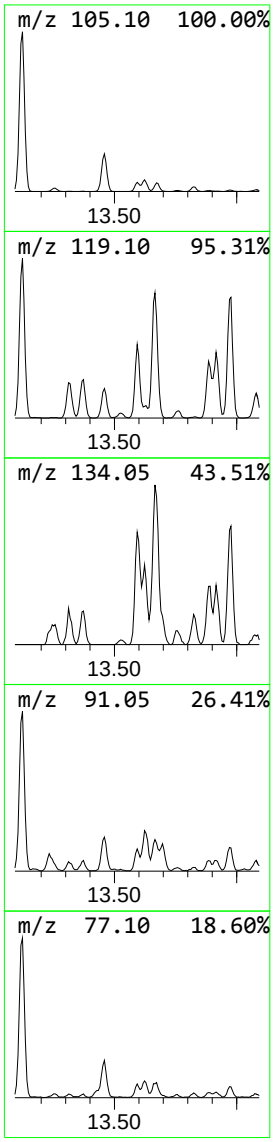
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.593	18.32 ug/l	117589	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
Data File : VY007306.D
Acq On : 26 Jan 2022 14:58
Operator : SY/MD
Sample : N1248-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

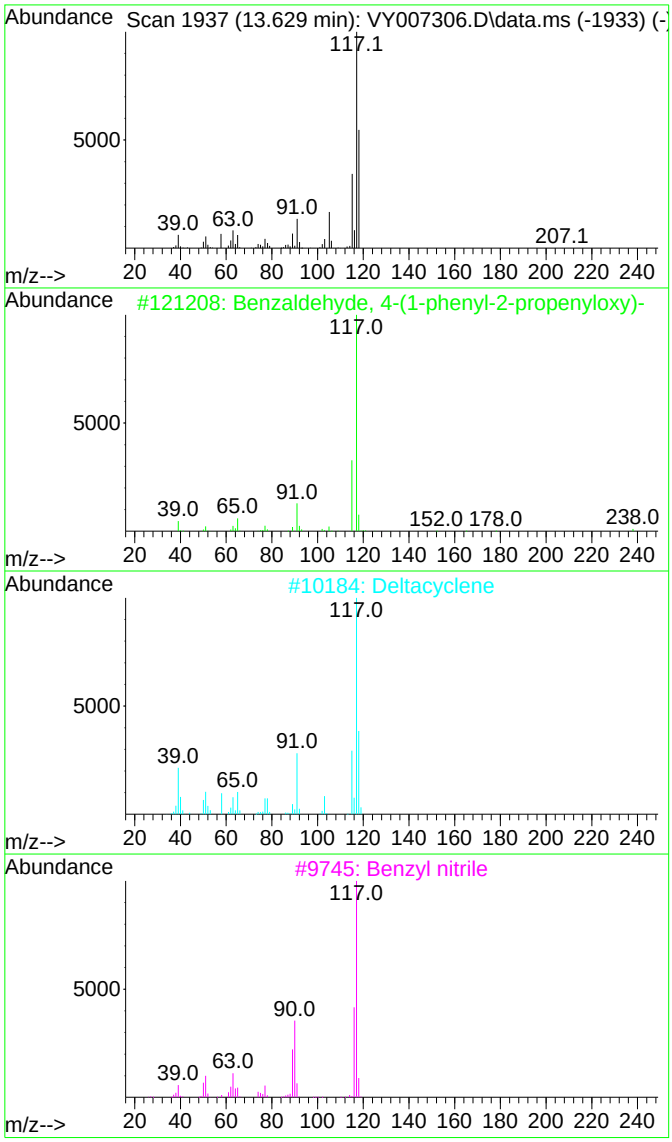
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

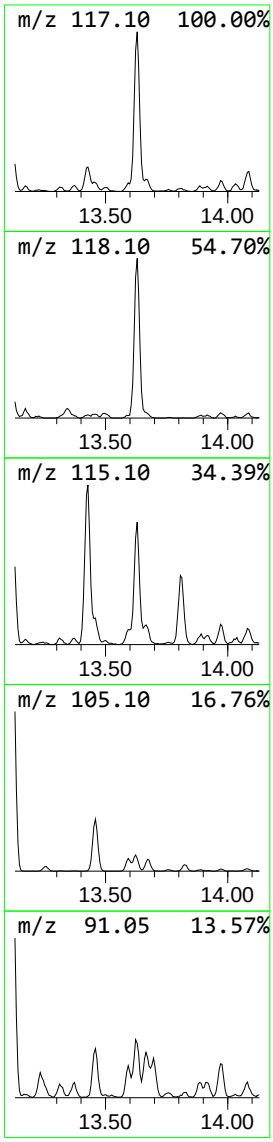
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzaldehyde, 4-(1-phenyl-2... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	43.73 ug/l	280684	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	50
2	Deltacyclene	118	C9H10	007785-10-6	50
3	Benzyl nitrile	117	C8H7N	000140-29-4	43
4	Indole	117	C8H7N	000120-72-9	43
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
Data File : VY007306.D
Acq On : 26 Jan 2022 14:58
Operator : SY/MD
Sample : N1248-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

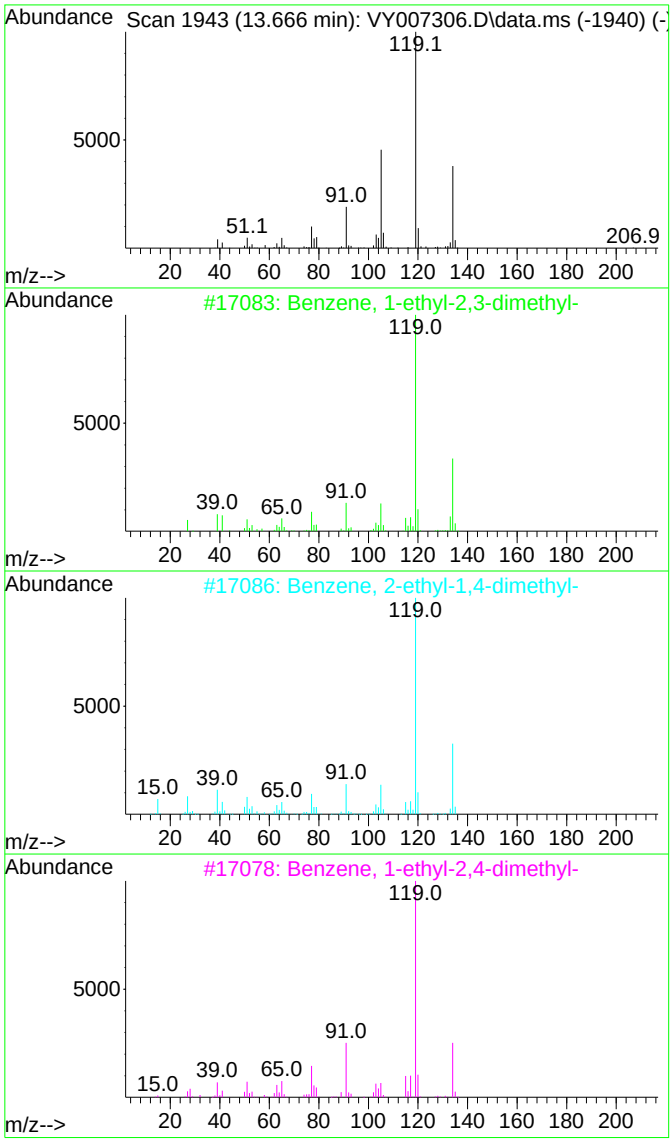
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

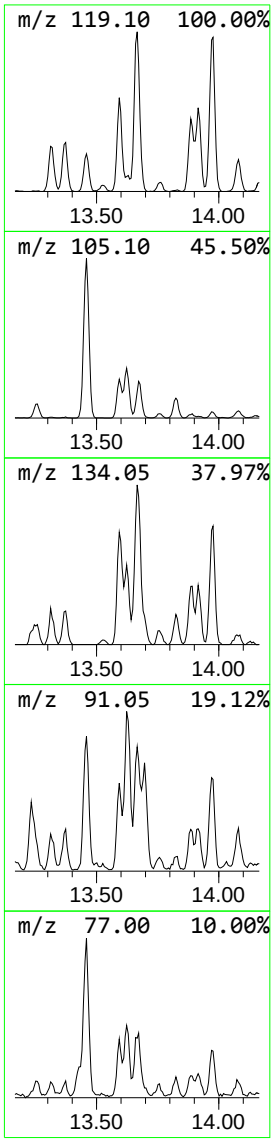
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.666	28.94 ug/l	185764	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	86
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
Data File : VY007306.D
Acq On : 26 Jan 2022 14:58
Operator : SY/MD
Sample : N1248-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

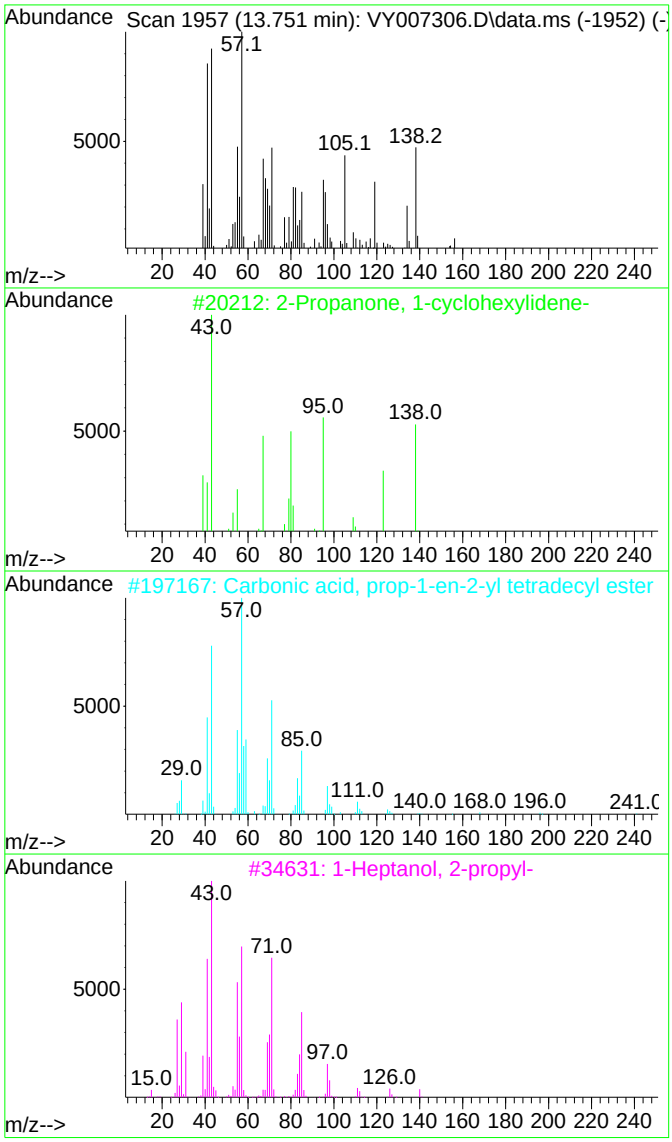
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

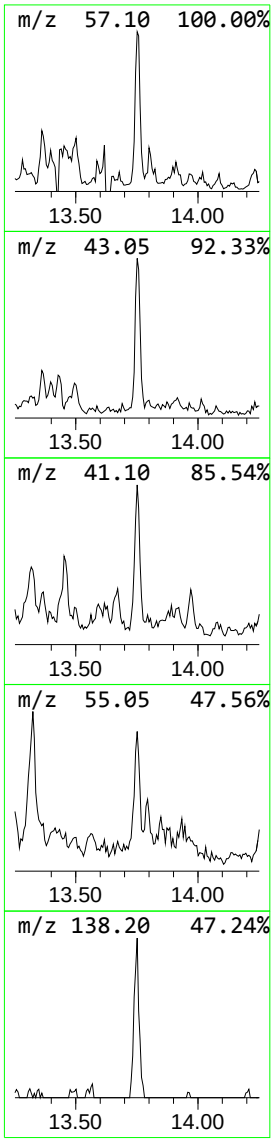
****

Peak Number 7 unknown13.751 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	11.71 ug/l	75174	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1-cyclohexylidene-	138	C9H14O	000874-68-0	30
2	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	20
3	1-Heptanol, 2-propyl-	158	C10H22O	010042-59-8	18
4	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	18
5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	18





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
Data File : VY007306.D
Acq On : 26 Jan 2022 14:58
Operator : SY/MD
Sample : N1248-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

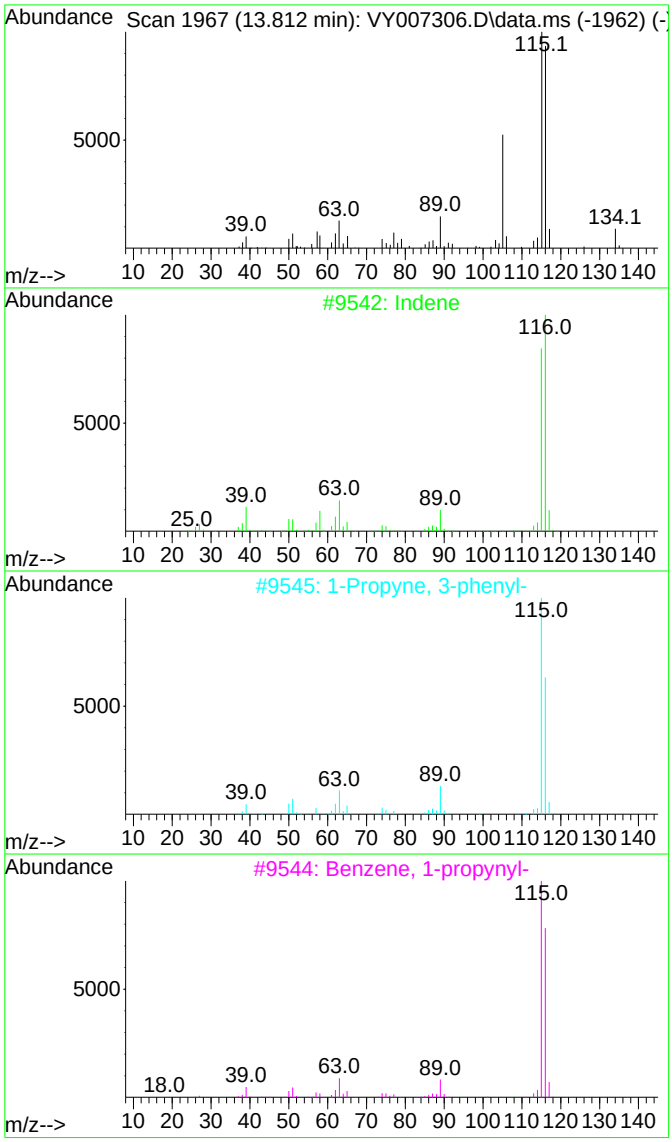
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

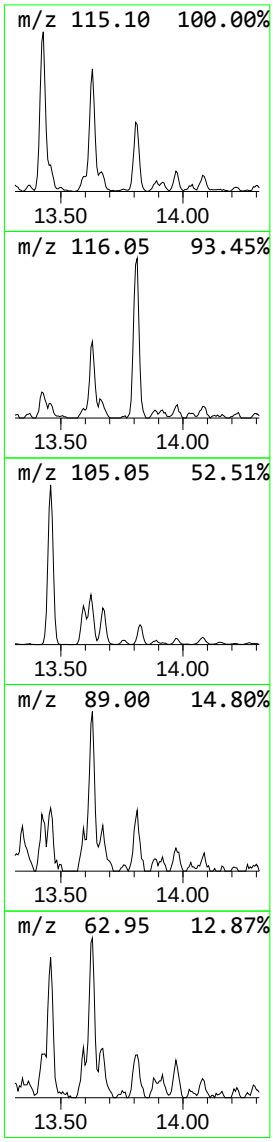
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Indene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.812	11.68 ug/l	74970	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	91
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	87
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	87
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
Data File : VY007306.D
Acq On : 26 Jan 2022 14:58
Operator : SY/MD
Sample : N1248-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

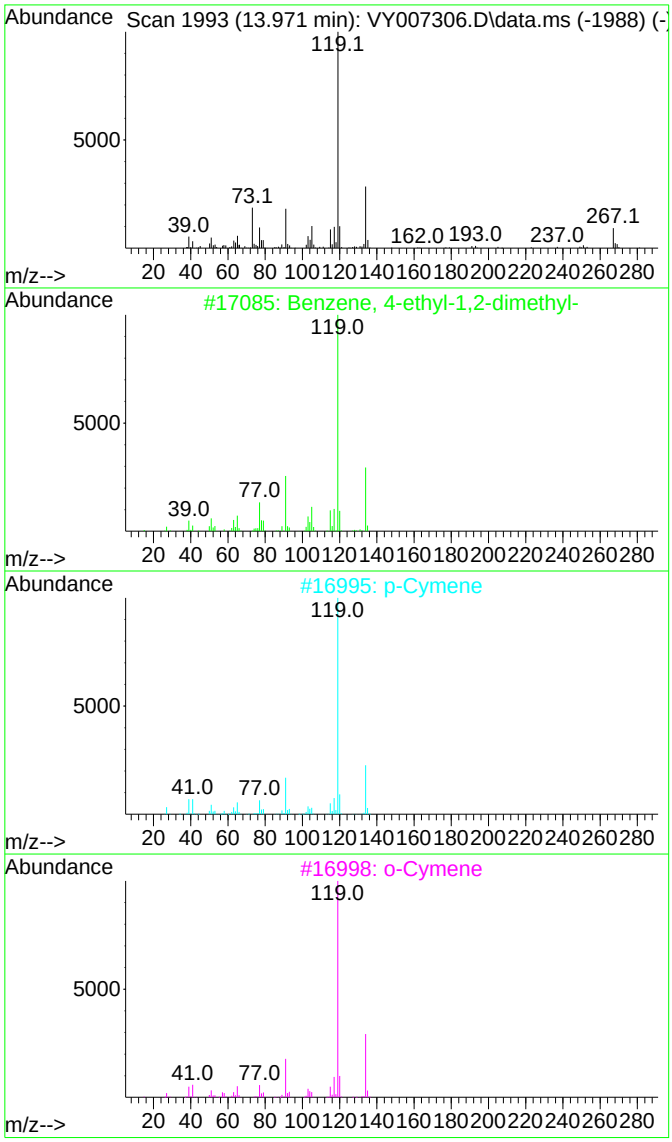
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

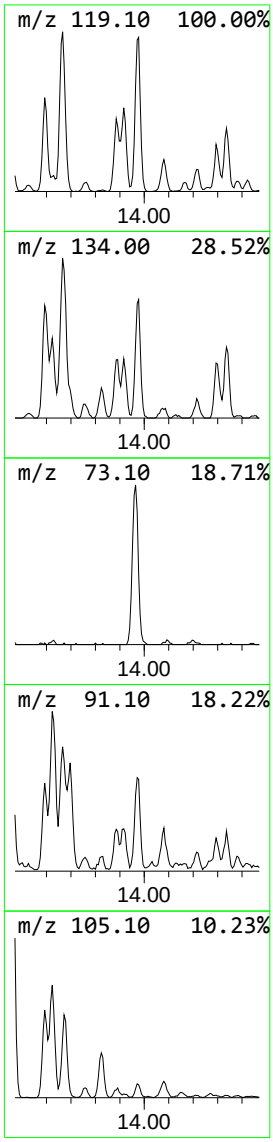
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	22.71 ug/l	145726	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	p-Cymene	134	C10H14	000099-87-6	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
Data File : VY007306.D
Acq On : 26 Jan 2022 14:58
Operator : SY/MD
Sample : N1248-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

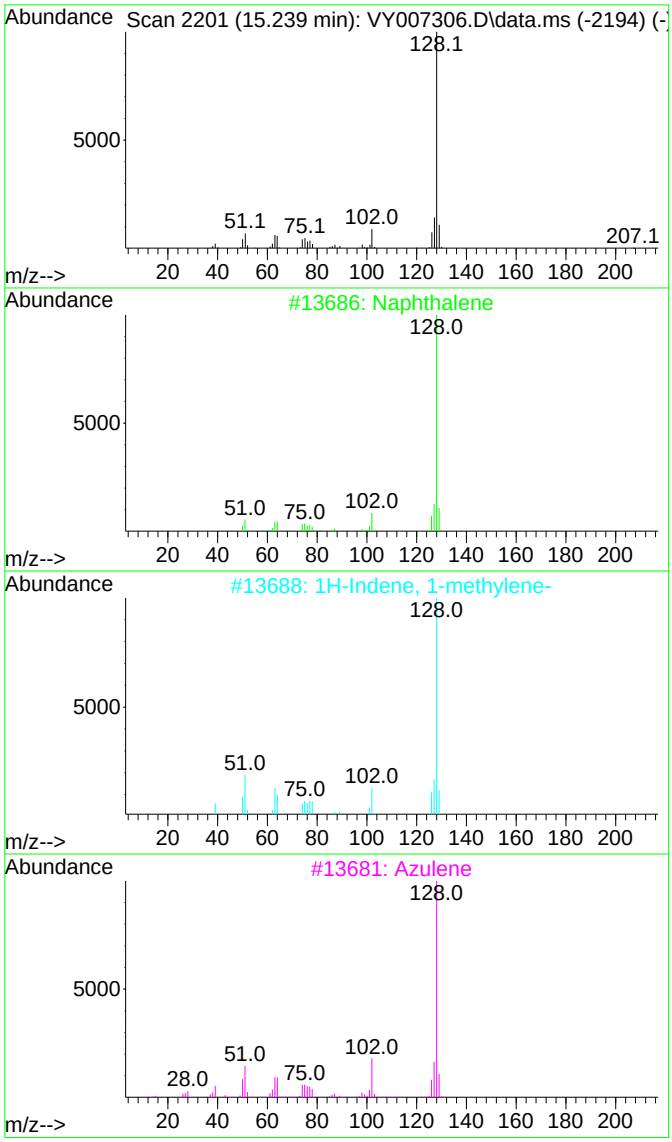
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

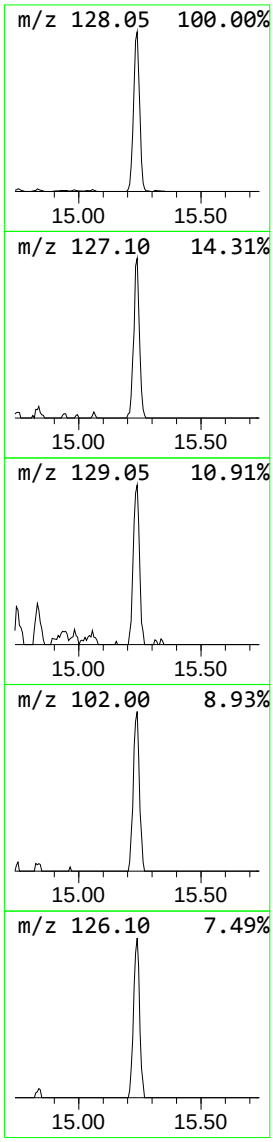
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 1-methylene- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.239	13.33 ug/l	85583	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	94
2	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91
3	Azulene	128	C10H8	000275-51-4	91
4	4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	64
5	1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
Data File : VY007306.D
Acq On : 26 Jan 2022 14:58
Operator : SY/MD
Sample : N1248-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.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-ethy...	12.739	127.8	ug/l	820448	4	13.428	320910	50.0
Benzene, 1-ethy...	12.971	43.6	ug/l	280114	4	13.428	320910	50.0
Benzene, 1-meth...	13.318	11.4	ug/l	73509	4	13.428	320910	50.0
Benzene, 1,3-di...	13.593	18.3	ug/l	117589	4	13.428	320910	50.0
Benzaldehyde, 4...	13.629	43.7	ug/l	280684	4	13.428	320910	50.0
Benzene, 1-ethy...	13.666	28.9	ug/l	185764	4	13.428	320910	50.0
unknown13.751	13.751	11.7	ug/l	75174	4	13.428	320910	50.0
Indene	13.812	11.7	ug/l	74970	4	13.428	320910	50.0
Benzene, 4-ethy...	13.971	22.7	ug/l	145726	4	13.428	320910	50.0
1H-Indene, 1-me...	15.239	13.3	ug/l	85583	4	13.428	320910	50.0