LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMXTR092820WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.343	200	206	218	rVB	201033	333255	1.93%	0.285%
2	2.825	277	285	287	rBV	409580	766428	4.44%	0.655%
3	2.873	287	293	310	rVB	2860479	5938815	34.42%	5.072%
4	3.154	327	339	357	rBV	6297251	14089895	81.66%	12.034%
5	3.501	385	396	413	rBV	7687821	17253989	100.00%	14.736%
6	4.117	483	497	510	rBV2	192181	575069	3.33%	0.491%
7	4.282	510	524	531	rBV2	127169	392217	2.27%	0.335%
8	4.379	531	540	553	rVB	312405	907582	5.26%	0.775%
9	4.556	557	569	583	rBV2	72203	288158	1.67%	0.246%
10	5.141	652	665	682	rBV2	112824	376399	2.18%	0.321%
11	6.044	802	813	828	rBV3	271425	790096	4.58%	0.675%
12	6.830	931	942	951	rBV2	220284	590914	3.42%	0.505%
13	7.367	1022	1030	1039	rBV	165245	364960	2.12%	0.312%
14	8.372	1189	1195	1202	rVB	114429	191270	1.11%	0.163%
15	8.696	1234	1248	1256	rBV	453128	767843	4.45%	0.656%
16	9.427	1362	1368	1380	rBV	536514	764112	4.43%	0.653%
17	10.098	1471	1478	1483	rBV	488870	644626	3.74%	0.551%
18	11.232	1659	1664	1674	rVB	184030	241648	1.40%	0.206%
19	11.341	1677	1682	1689	rVV	2380637	2935508	17.01%	2.507%
20	11.421	1689	1695	1702	rVV	3241277	6235299	36.14%	5.325%
21	11.494	1702	1707	1716	rVB	2931307	3774166	21.87%	3.223%
22	11.652	1728	1733	1741	rVB	645846	765268	4.44%	0.654%
23	11.793	1751	1756	1768	rVB	4618044	5520463	32.00%	4.715%
24	11.902	1768	1774	1776	rBV	275303	347239	2.01%	0.297%
25	11.933	1776	1779	1784	rVV	344286	434515	2.52%	0.371%
26	12.012	1784	1792	1795	rVV	804590	1008429	5.84%	0.861%
27	12.061	1795	1800	1806	rVB2	660107	1027806	5.96%	0.878%
28	12.128	1806	1811	1816	rBV	358294	430877	2.50%	0.368%
29	12.286	1832	1837	1838	rBV	1502918	1639275	9.50%	1.400%
30	12.305	1838	1840	1844	rVV	2203119	2635645	15.28%	2.251%
31	12.360	1844	1849	1858	rVB2	4647873	6713303	38.91%	5.734%
32	12.445	1858	1863	1868	rBV	270101	330989	1.92%	0.283%
33	12.500	1868	1872	1878	rVB	1086318	1322784	7.67%	1.130%
34	12.573	1878	1884	1886	rBV	2949158	4167417	24.15%	3.559%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMXTR092820WMA.M
Title : TRACE VOA SOM01.0

35	12.597	1886	1888	1892	rVB	2711299	2681185	15.54%	2.290%
36	12.652	1892	1897	1902	rBV	5580857	6397670	37.08%	5.464%
37	12.750	1907	1913	1921	rBV3	482098	884922	5.13%	0.756%
38	12.890	1931	1936	1940	rVB	1429716	1685443	9.77%	1.439%
39	12.963	1940	1948	1951	rBV	3548425	4286550	24.84%	3.661%
40	13.000	1951	1954	1960	rVB	5421498	6411904	37.16%	5.476%
41	13.061	1960	1964	1966	rBV	205834	247715	1.44%	0.212%
42	13.207	1982	1988	1992	rBV	1027701	1289239	7.47%	1.101%
43	13.292	1998	2002	2004	rBV2	294219	406915	2.36%	0.348%
44	13.329	2004	2008	2017	rVV2	2694384	3842491	22.27%	3.282%
45	13.408	2017	2021	2027	rVB	336282	378505	2.19%	0.323%
46	13.628	2051	2057	2064	rVV2	1661556	2602578	15.08%	2.223%
47	13.719	2064	2072	2075	rVB2	273955	375730	2.18%	0.321%
48	13.969	2106	2113	2115	rBV2	121360	184964	1.07%	0.158%
49	13.999	2115	2118	2132	rVB2	315648	463628	2.69%	0.396%
50	14.115	2132	2137	2142	rBV	176056	207914	1.21%	0.178%
51	14.256	2155	2160	2171	rVB3	104847	174400	1.01%	0.149%

Sum of corrected areas: 117088012

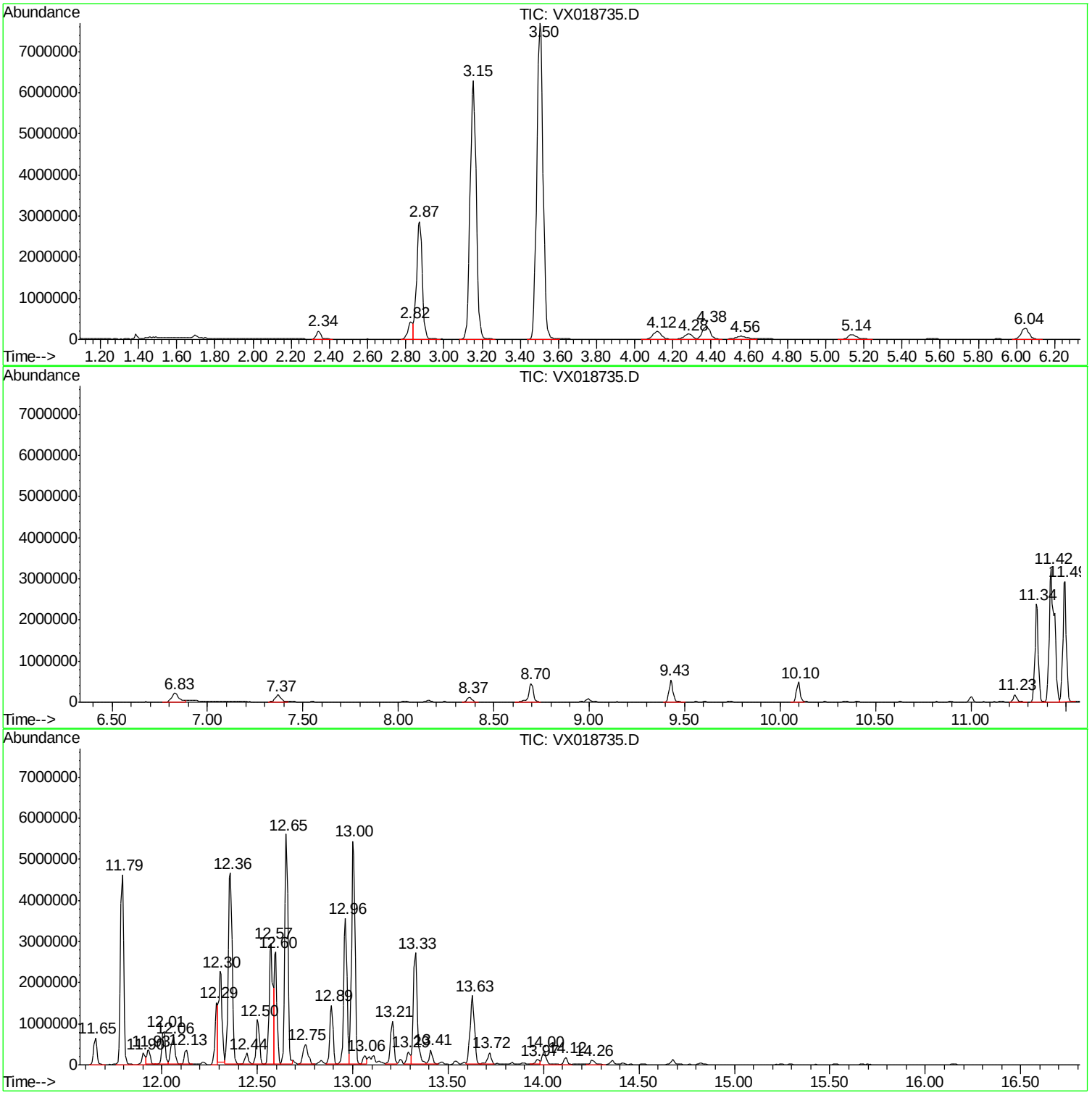
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

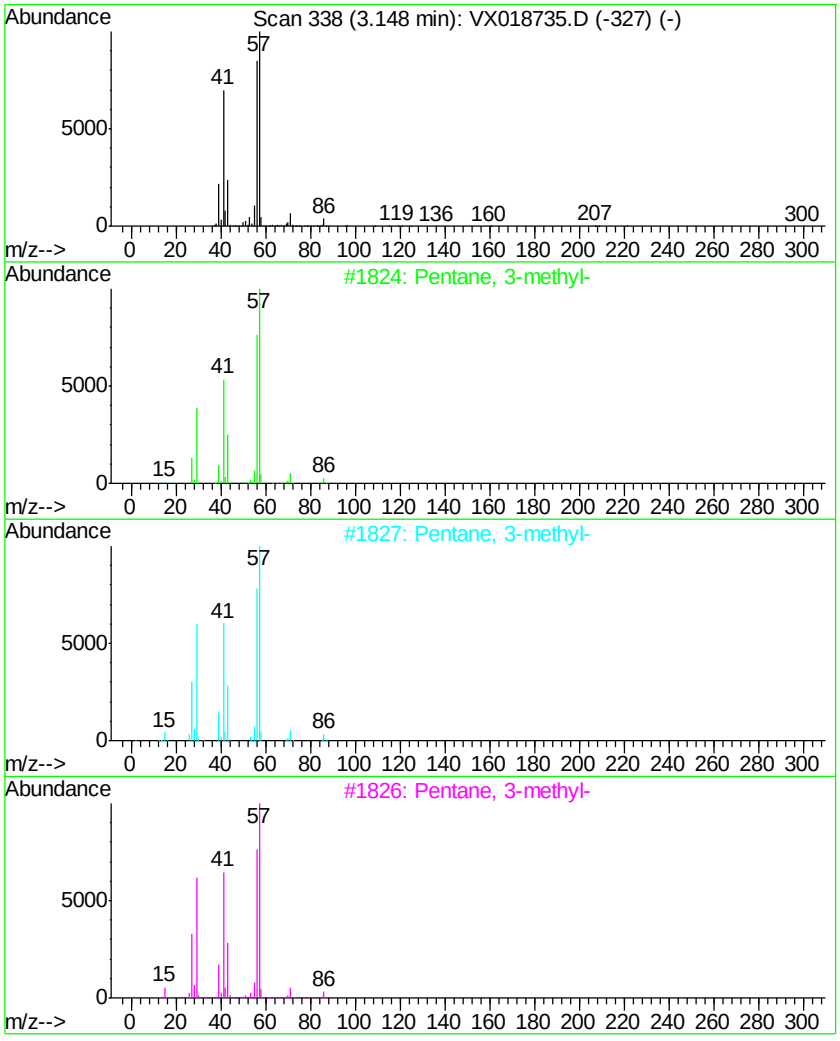
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

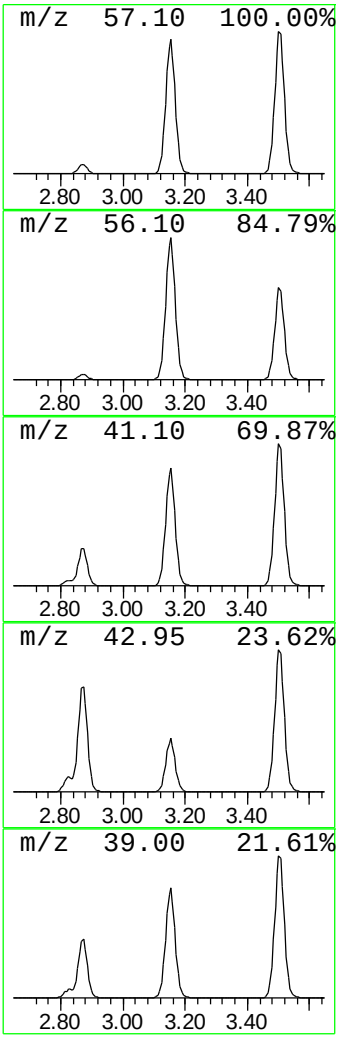
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	119.22 ug/L	14089900	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4	n-Hexane	86	C6H14	000110-54-3	50
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

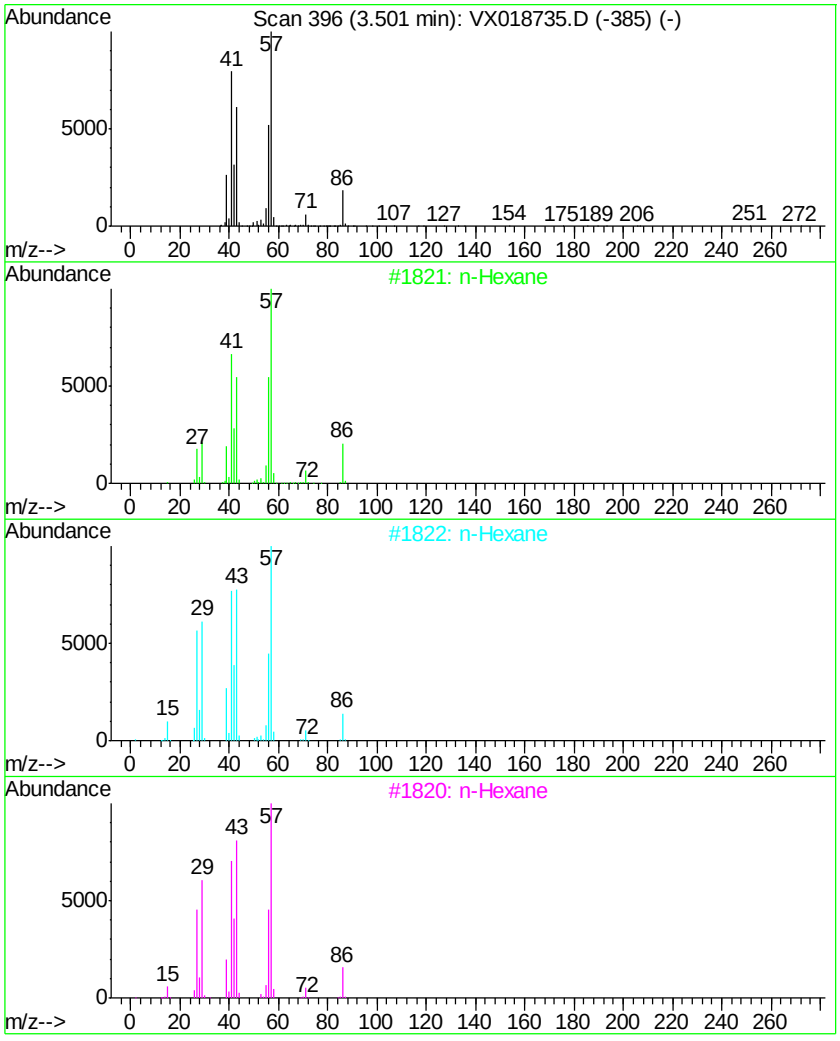
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

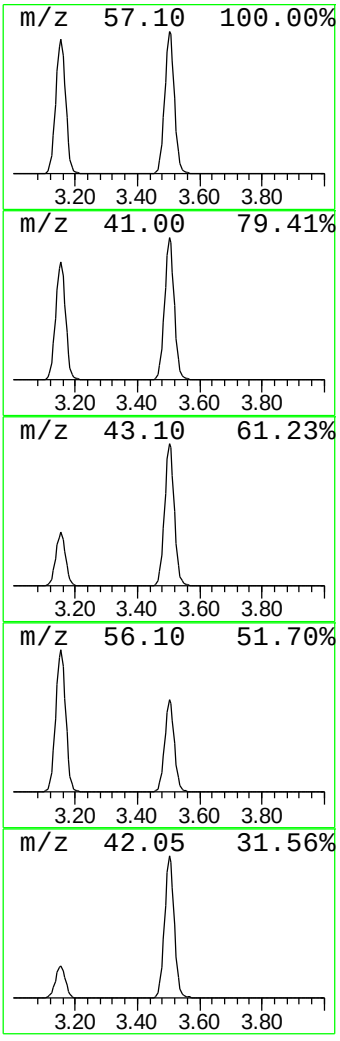
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.50	145.99 ug/L	17254000	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	64
3	n-Hexane	86	C6H14	000110-54-3	59
4	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	38
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

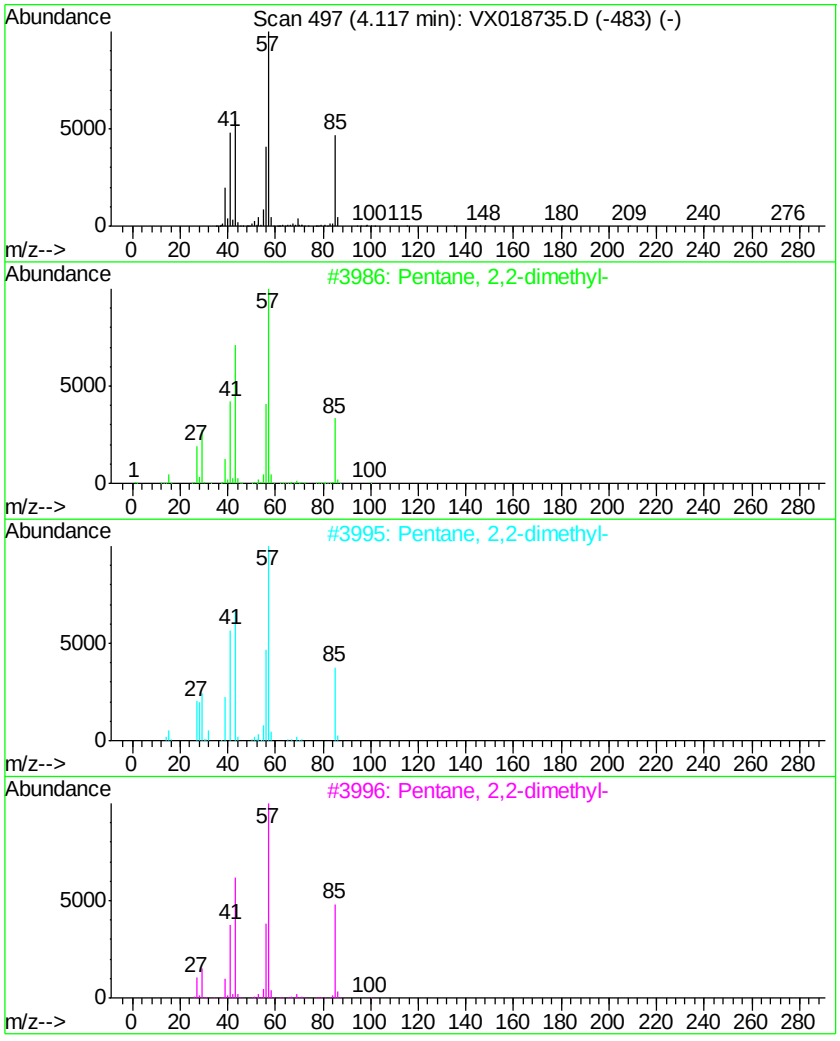
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

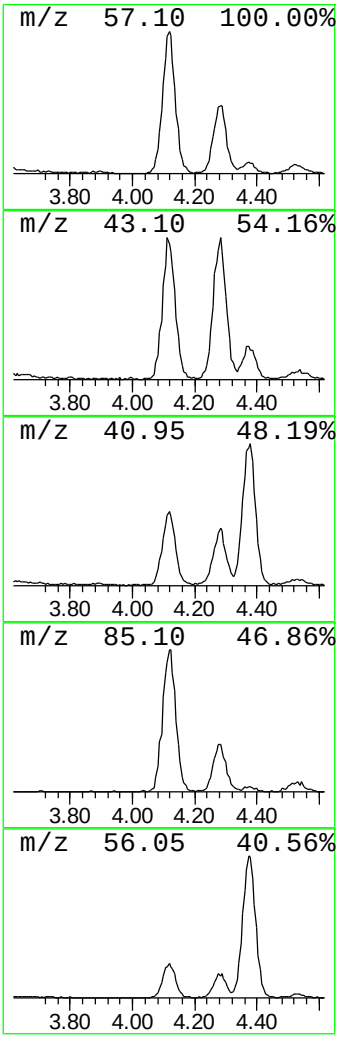
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.12	4.87 ug/L	575069	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

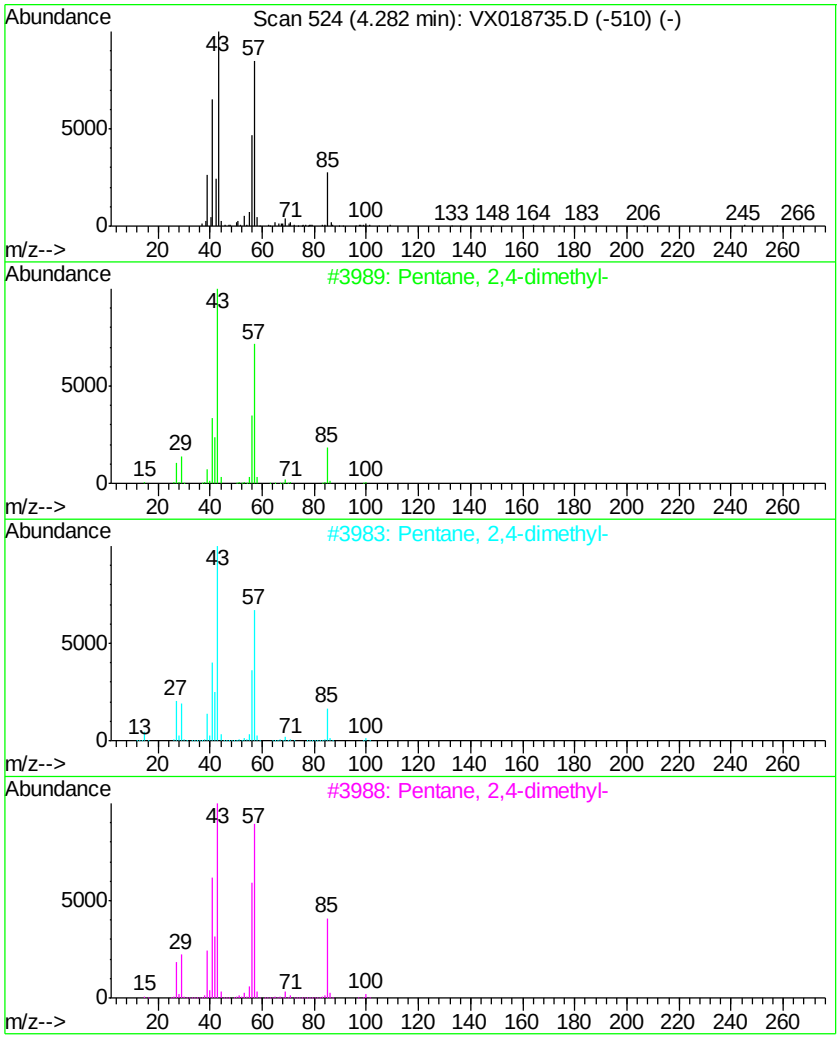
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

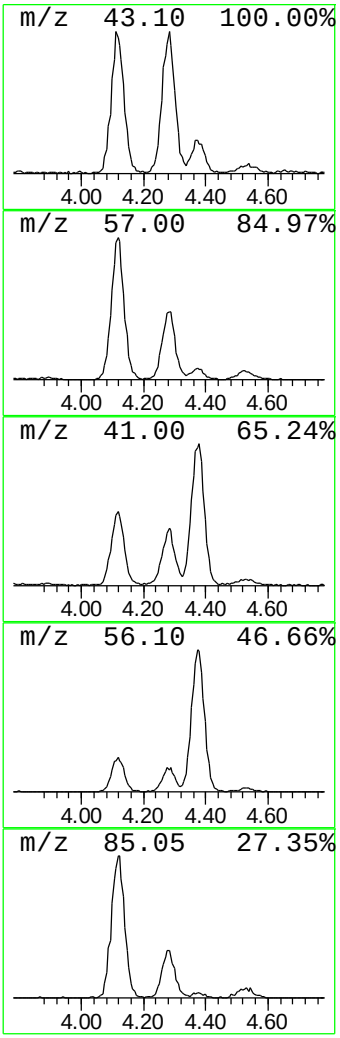
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	3.32 ug/L	392217	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53
5	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

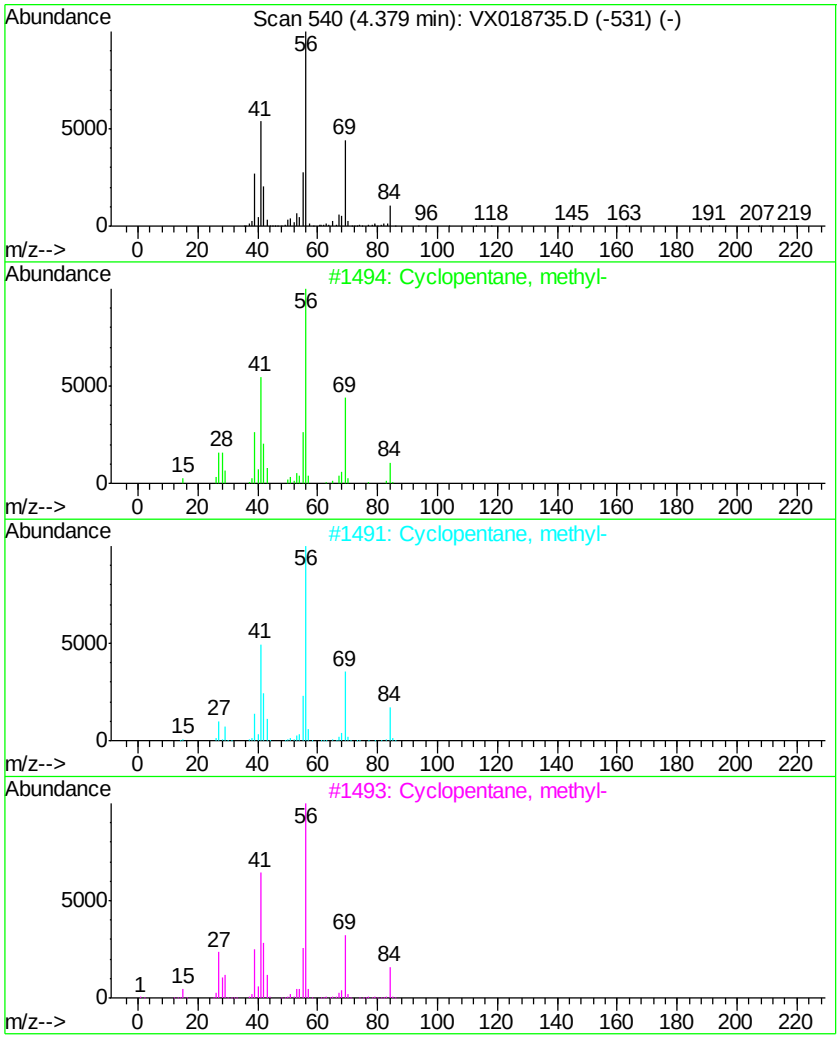
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

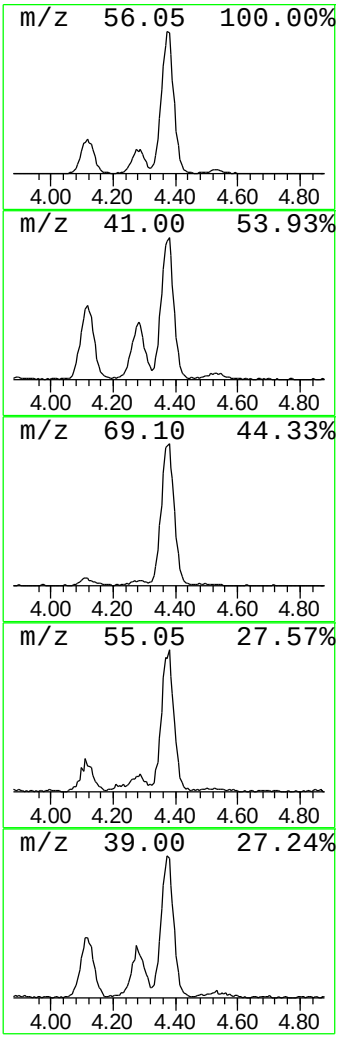
****

Peak Number 5 (DEL) Alkane: Cyclic4.38 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	7.68 ug/L	907582	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
5	Cyclohexane	84	C6H12	000110-82-7	78





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

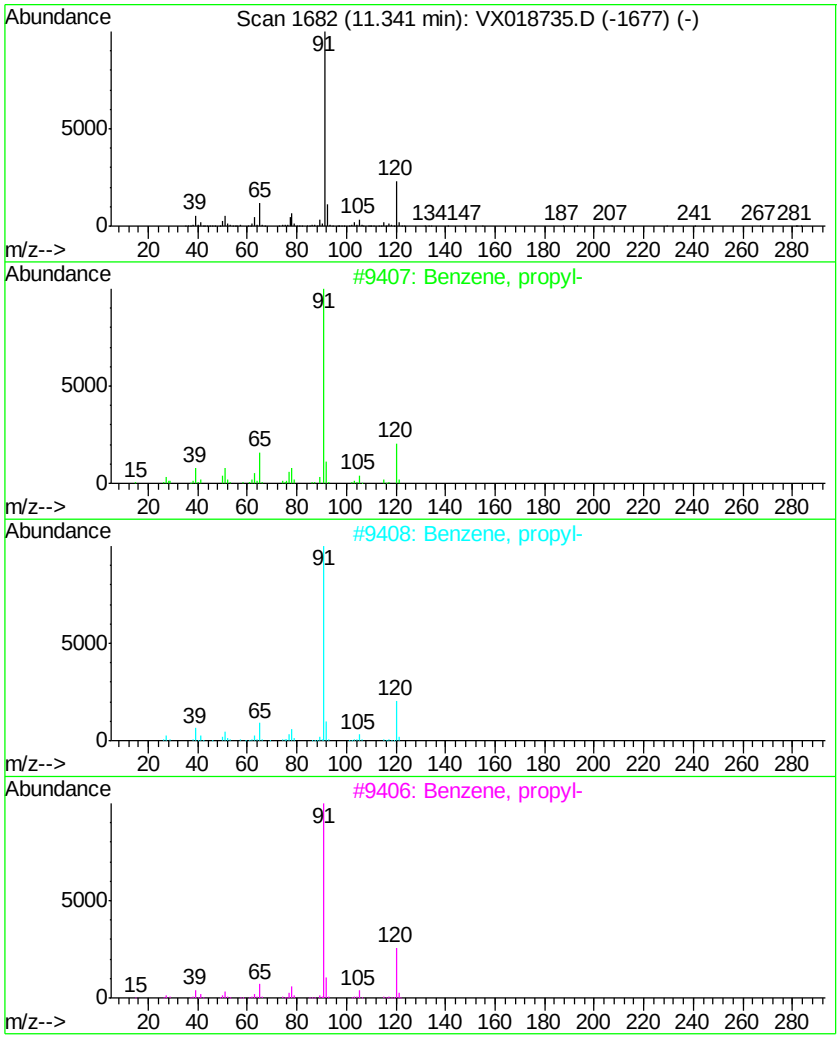
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

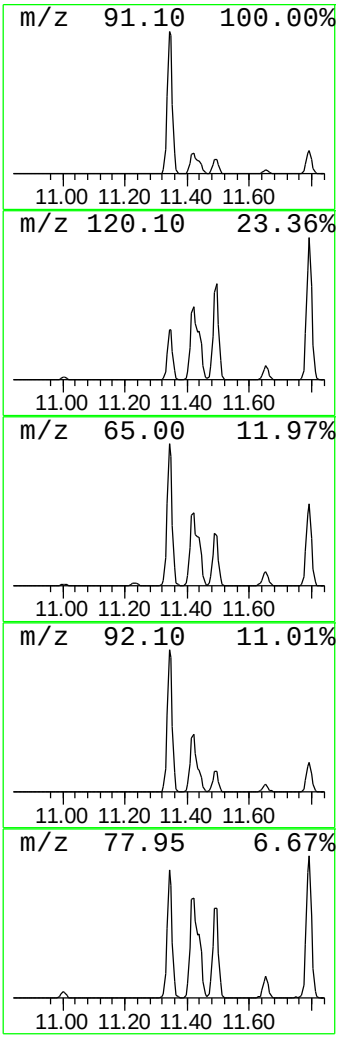
****

Peak Number 7 Benzene, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	14.28 ug/L	2935510	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

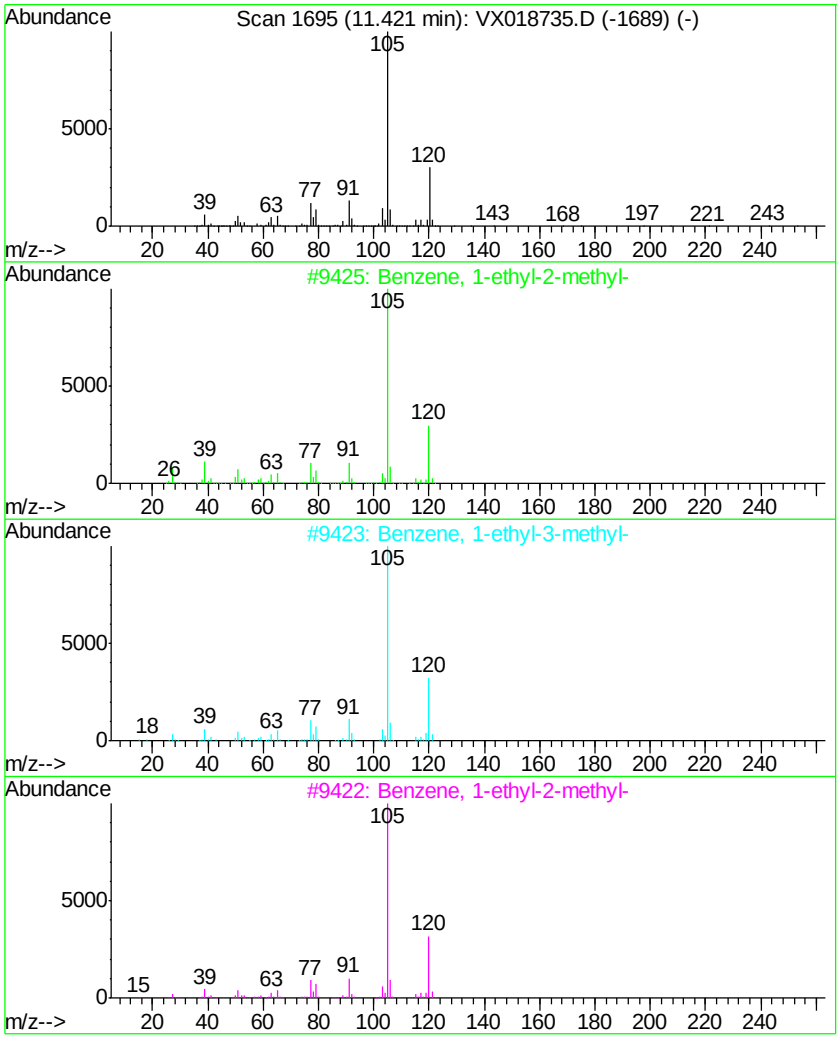
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

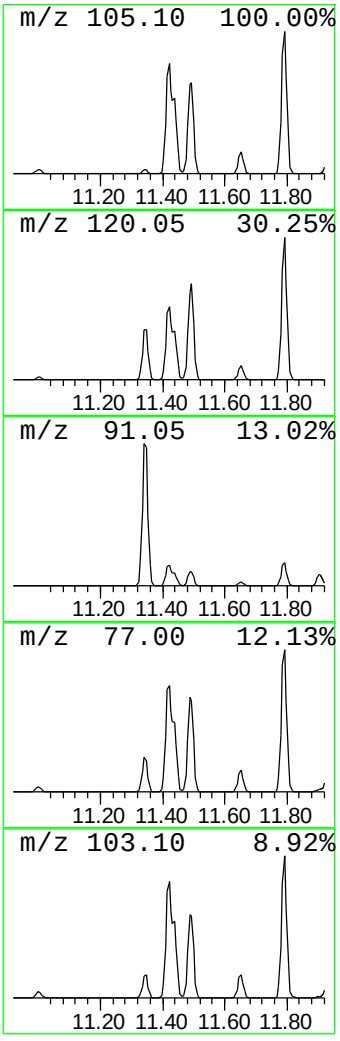
****

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	30.33 ug/L	6235300	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

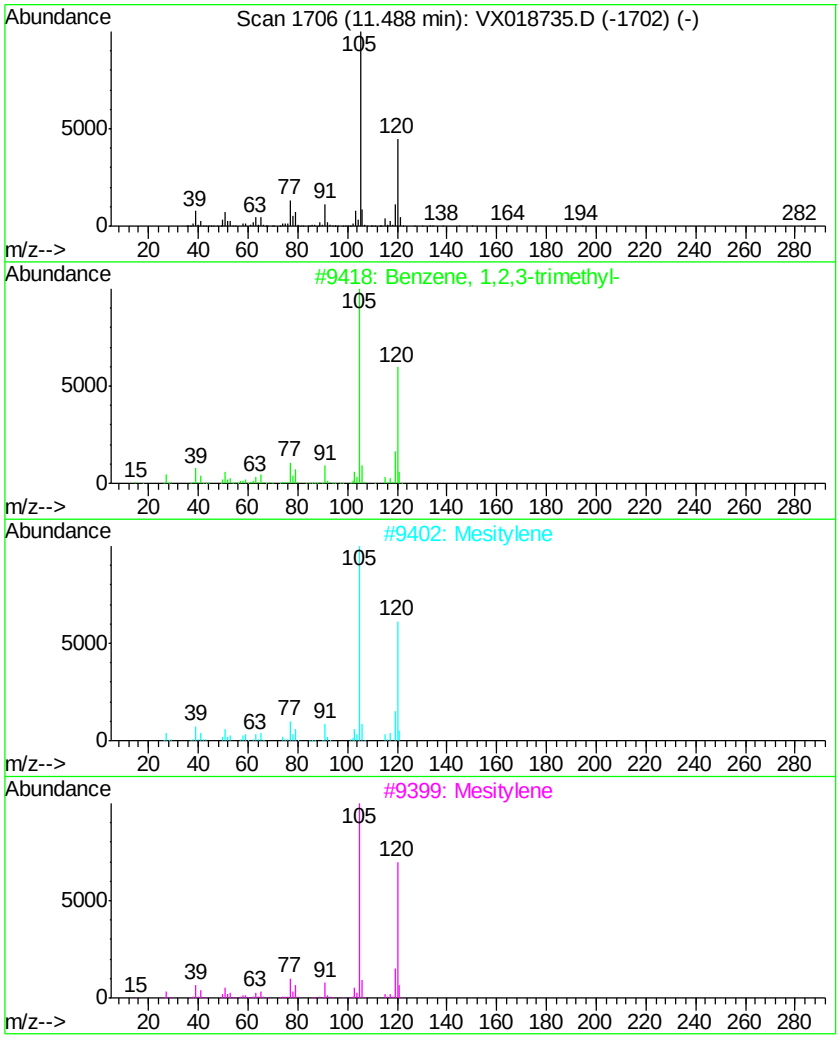
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

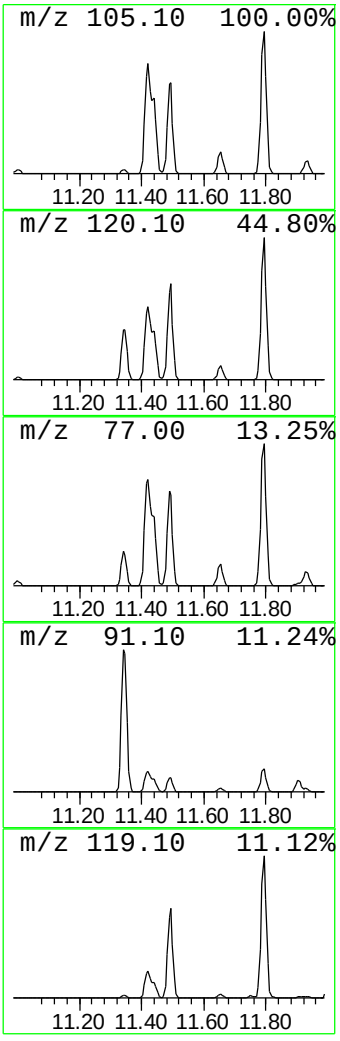
****

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	18.36 ug/L	3774170	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Mesitylene	120	C9H12	000108-67-8	97
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

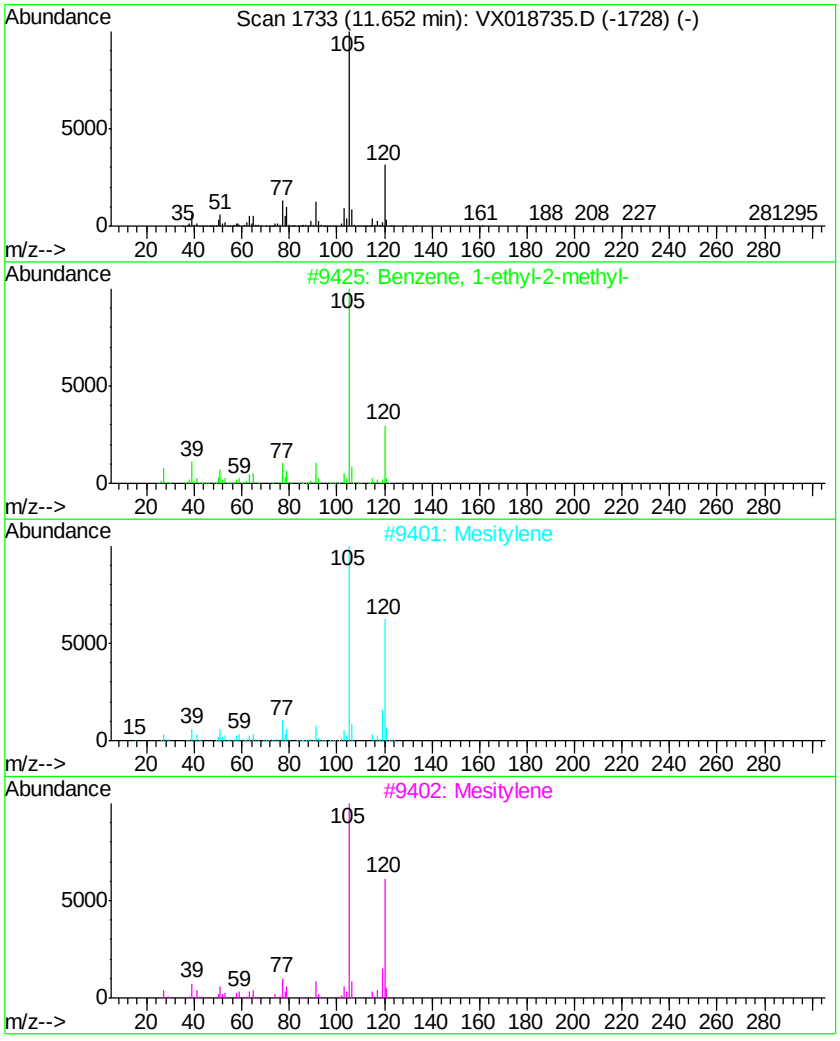
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

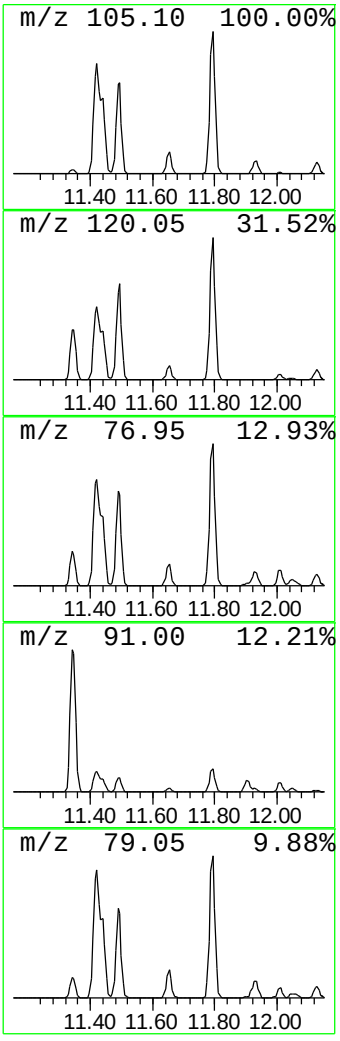
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-3-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	3.72 ug/L	765268	1,4-Dichlorobenzene-d4	12.06

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

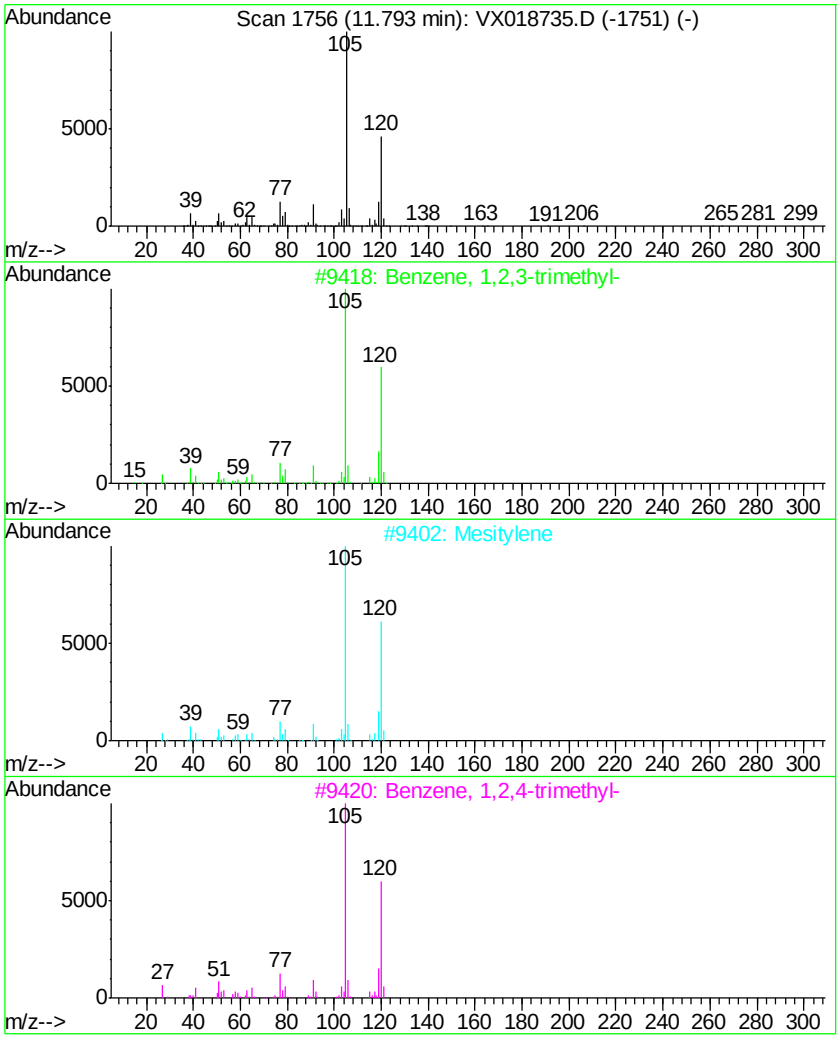
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

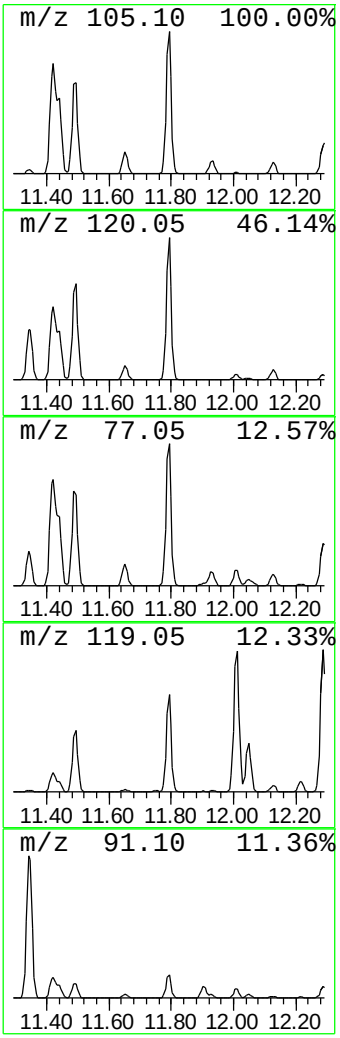
****

Peak Number 11 Mesitylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	26.86 ug/L	5520460	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

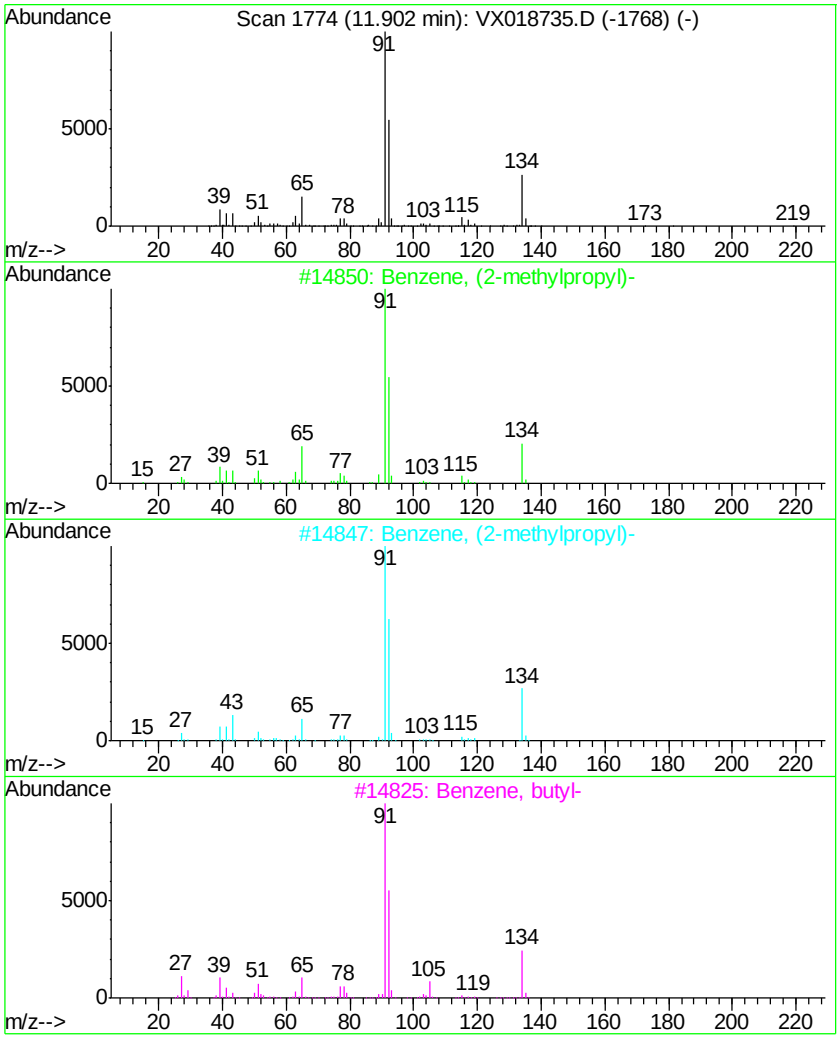
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

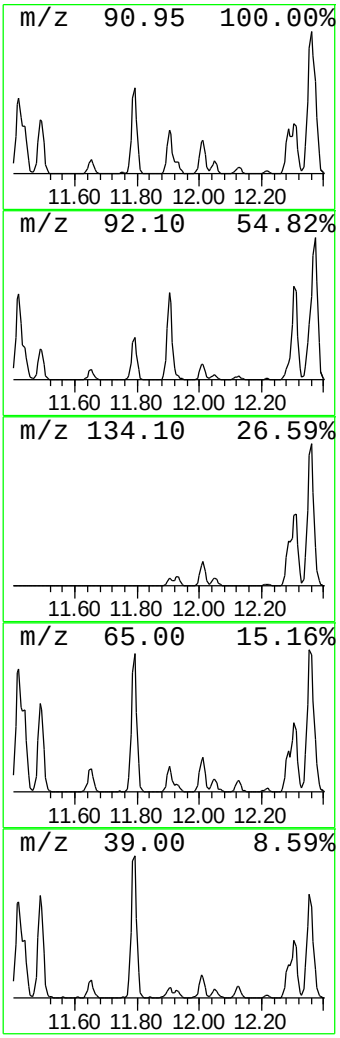
****

Peak Number 12 Benzene, (2-methylpropyl)- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	1.69 ug/L	347239	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
3	Benzene, butyl-	134	C10H14	000104-51-8	80
4	Benzene, butyl-	134	C10H14	000104-51-8	72
5	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

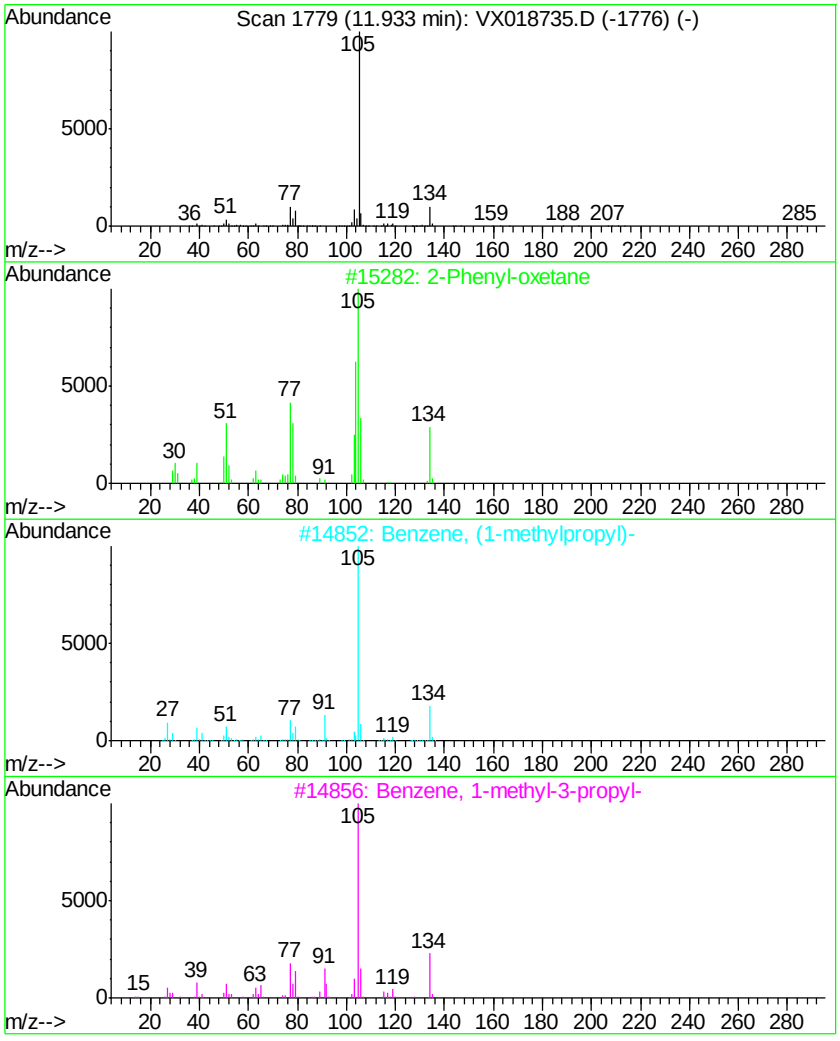
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

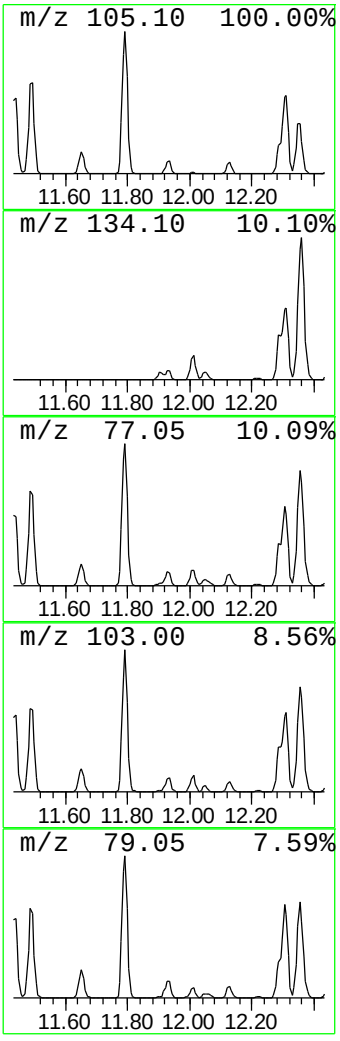
****

Peak Number 13 2-Phenyl-oxetane Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.11 ug/L	434515	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenyl-oxetane	134	C9H10O	1000145-26-5	72
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	72
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	72
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	72
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

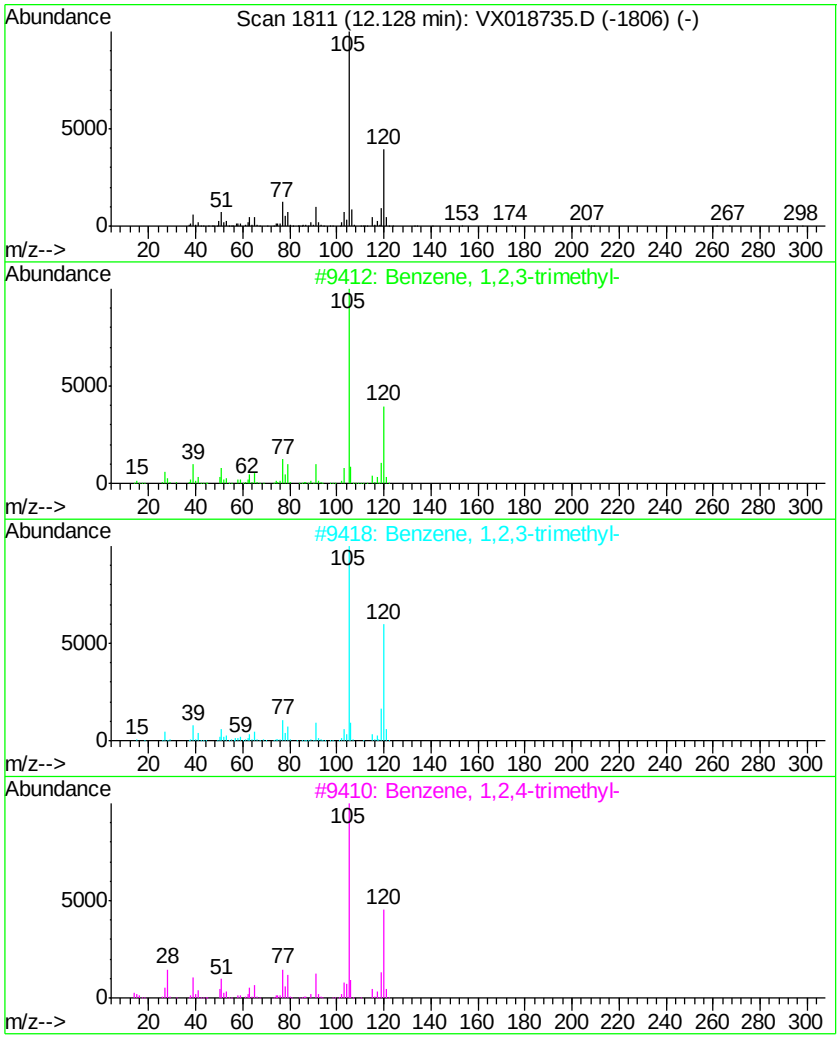
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

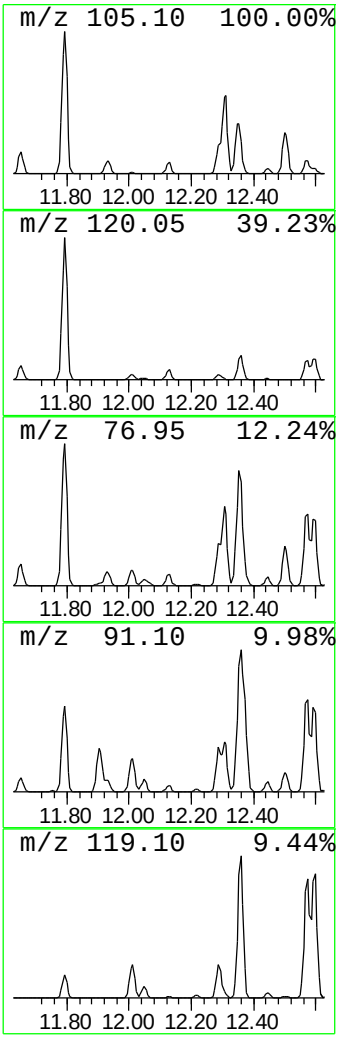
****

Peak Number 14 Benzene, 1,2,4-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	2.10 ug/L	430877	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

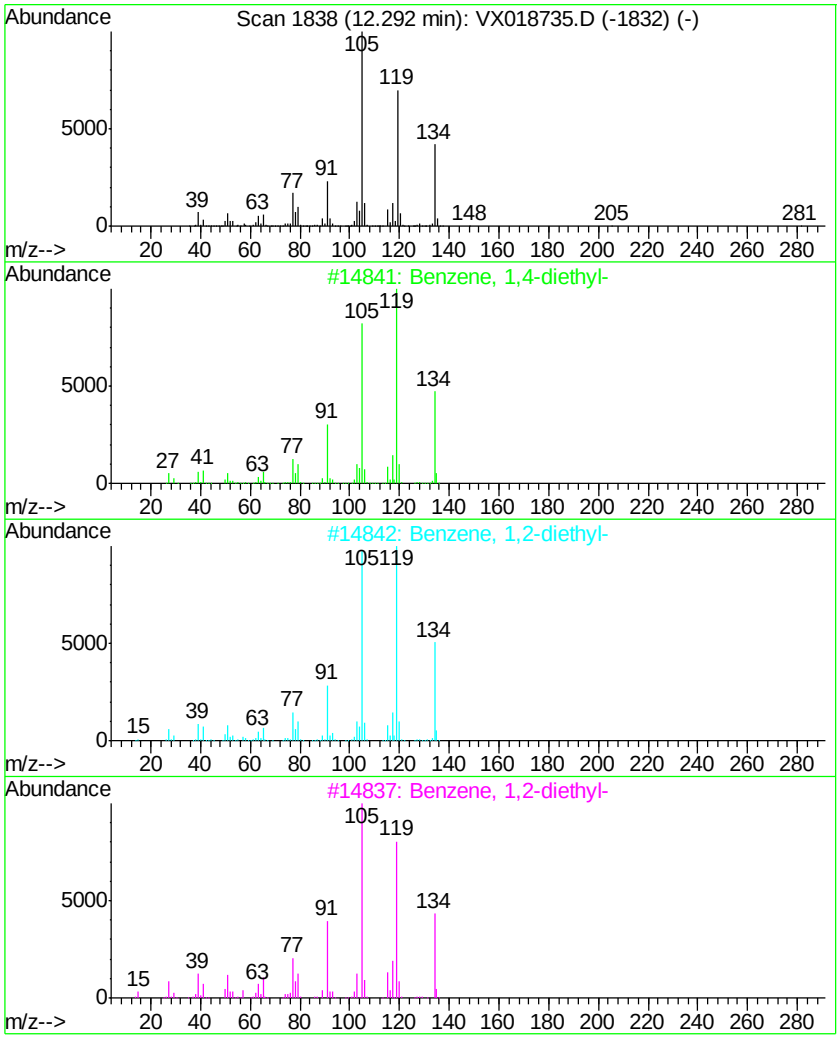
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

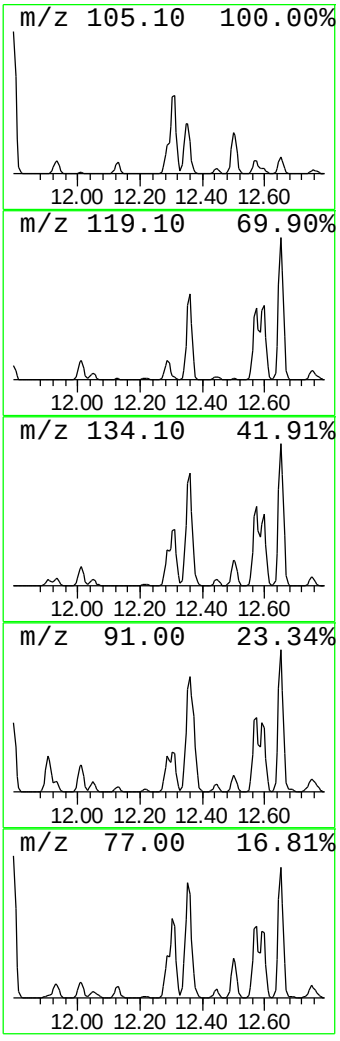
****

Peak Number 15 Benzene, 1,4-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	7.97 ug/L	1639280	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

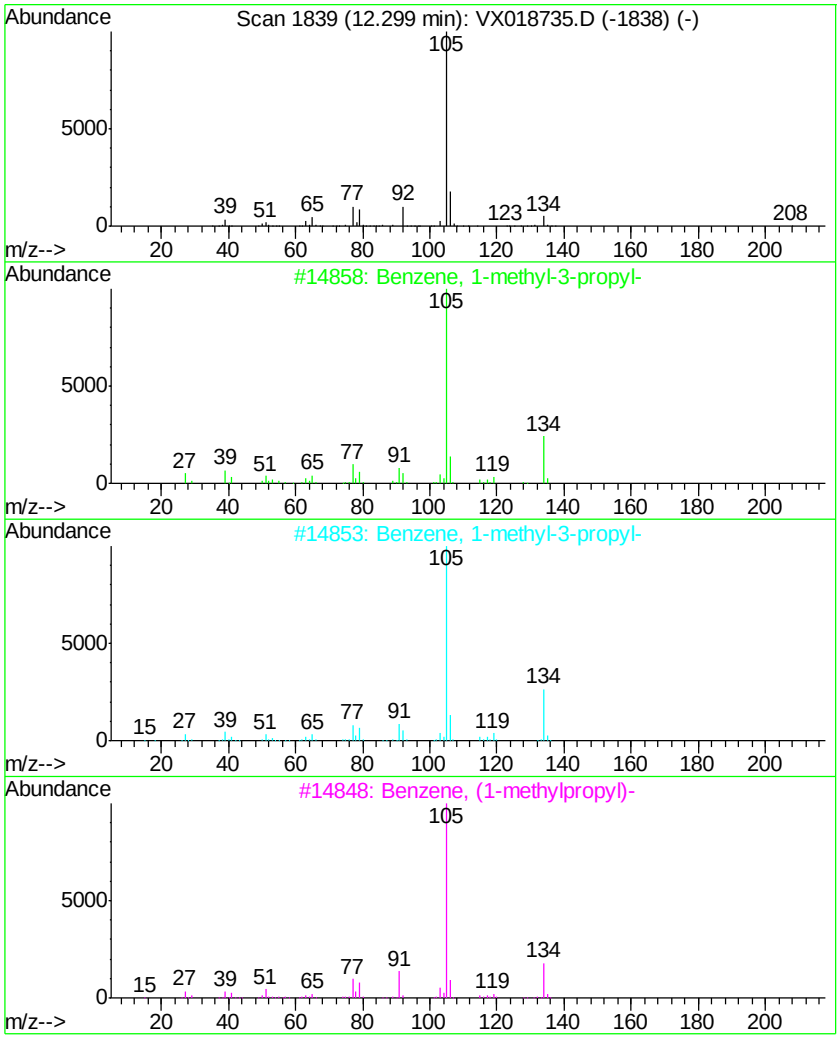
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

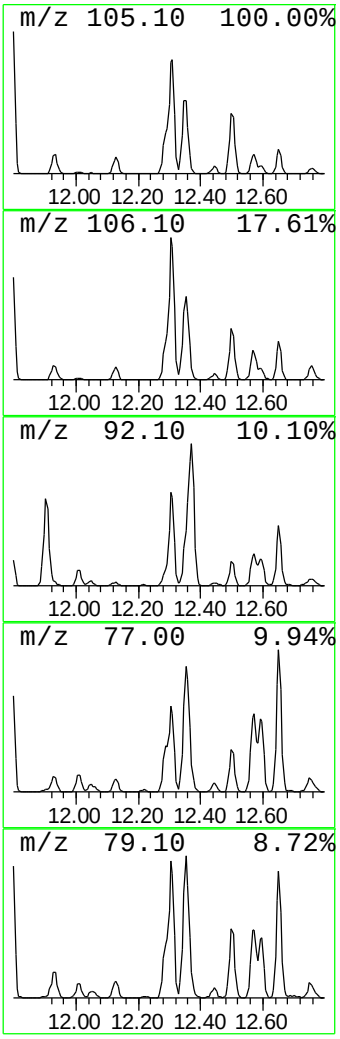
****

Peak Number 16 Benzene, 1-methyl-3-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	12.82 ug/L	2635650	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	80
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	72
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	72
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

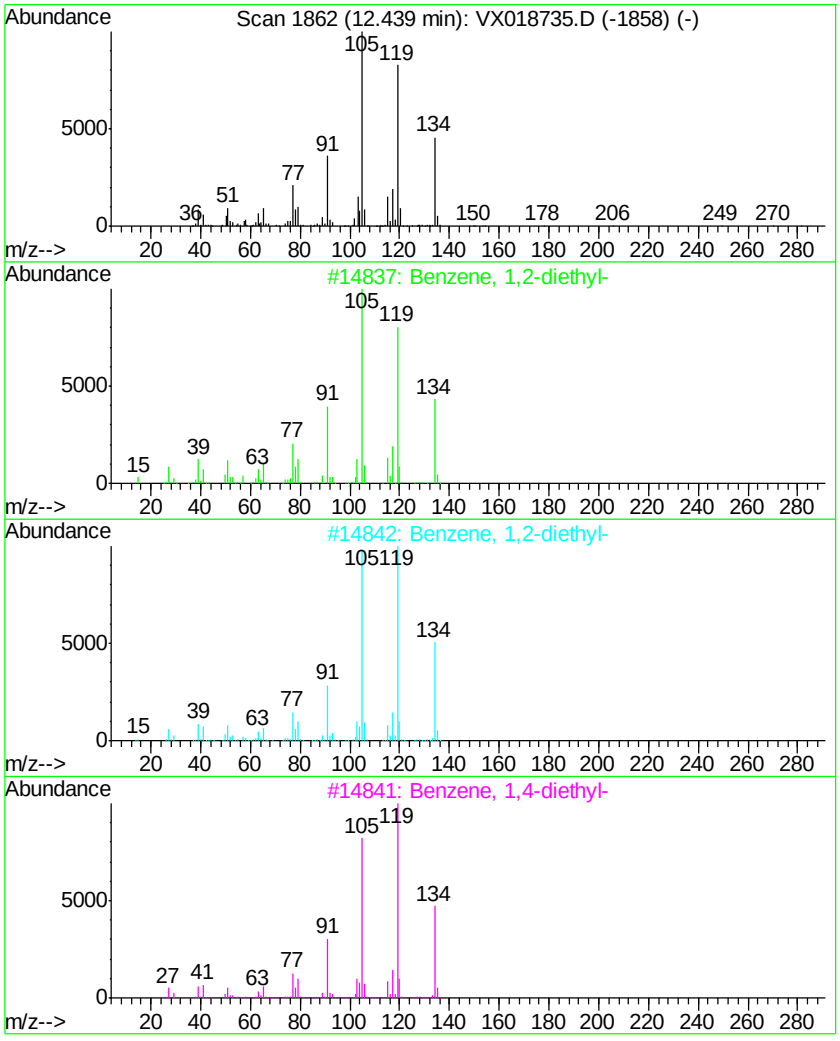
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

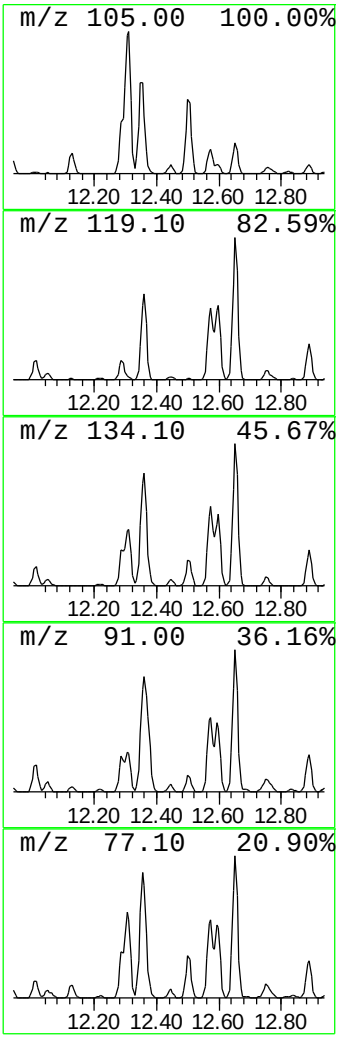
****

Peak Number 17 Benzene, 1,2-diethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	1.61 ug/L	330989	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

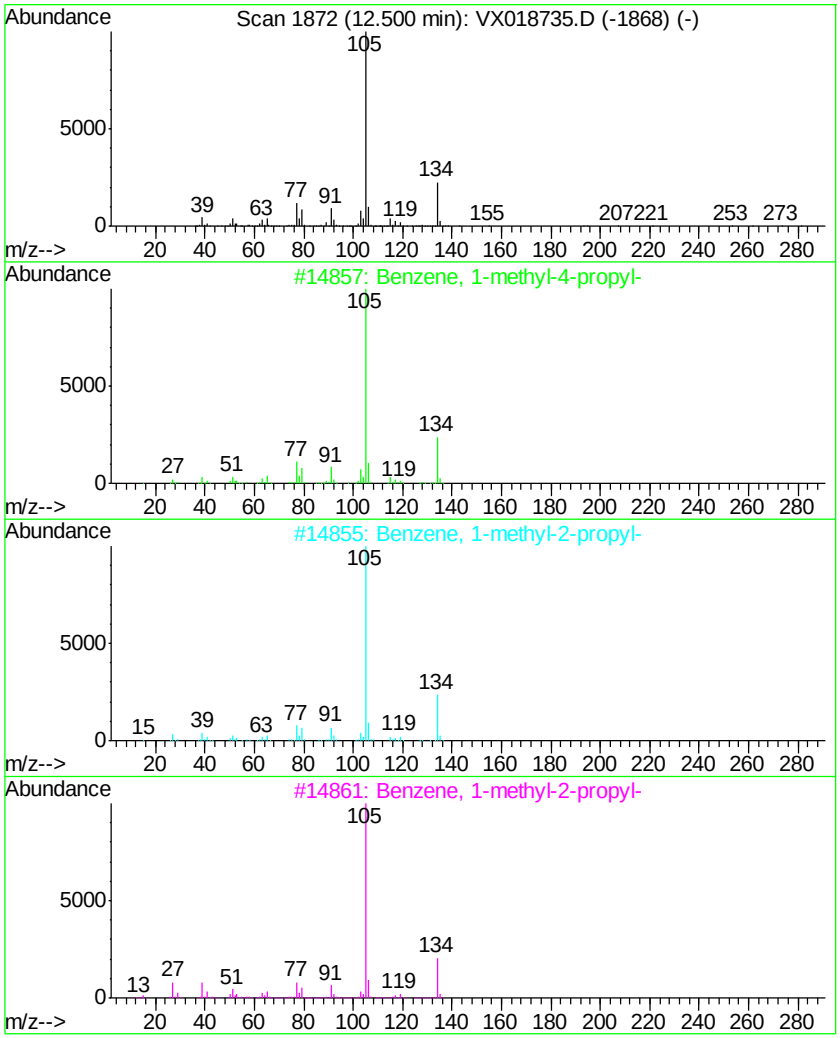
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

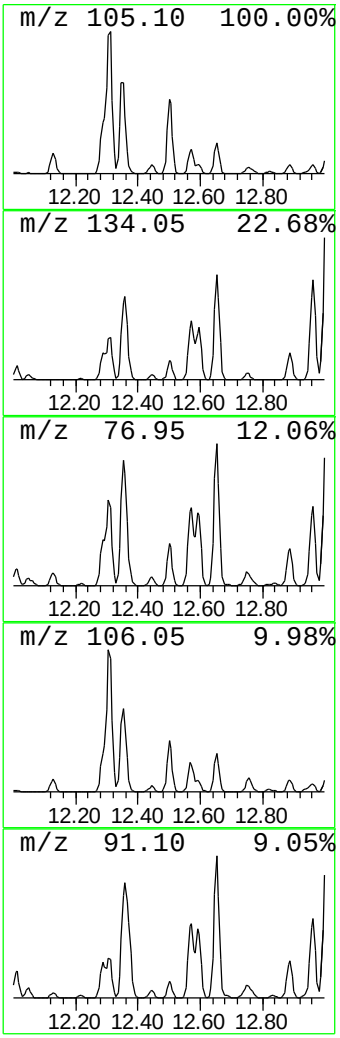
****

Peak Number 18 Benzene, 1-methyl-4-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	6.43 ug/L	1322780	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

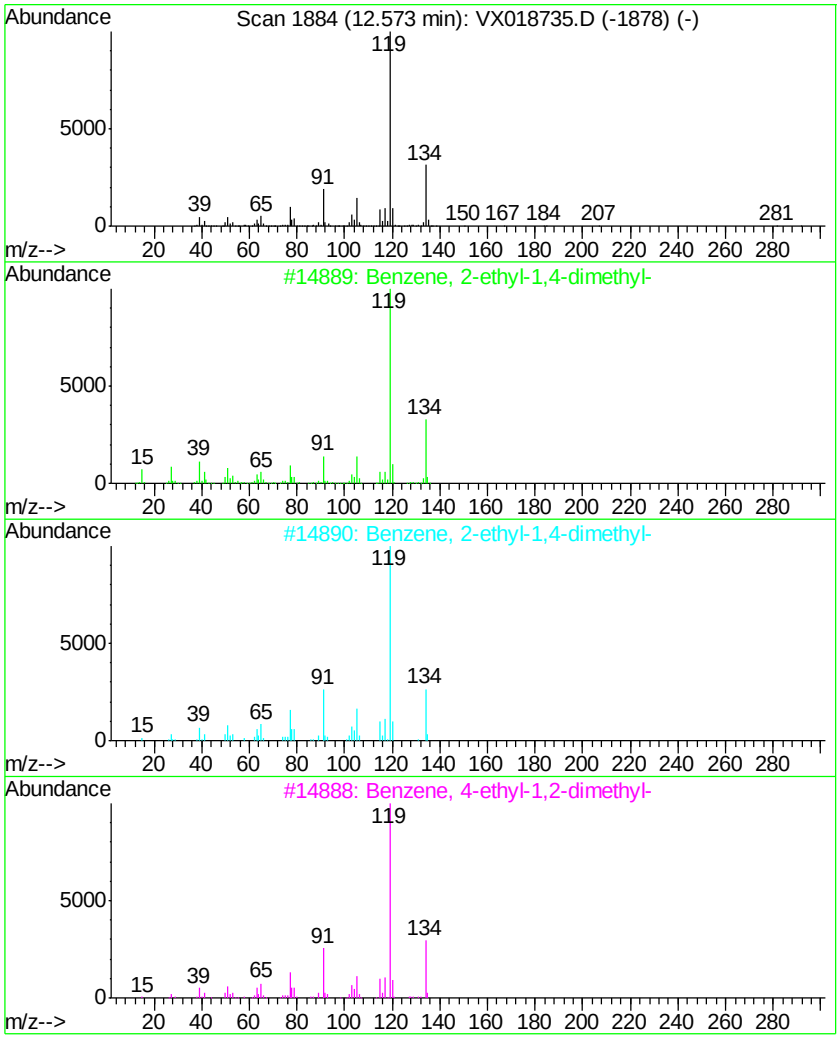
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

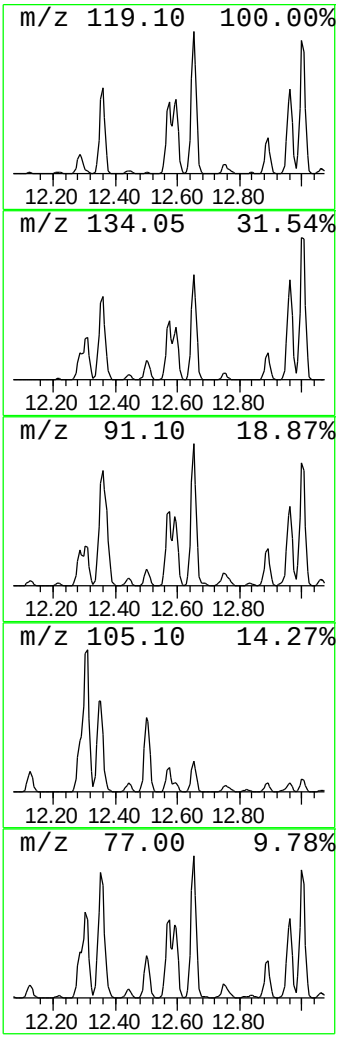
****

Peak Number 19 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	20.27 ug/L	4167420	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

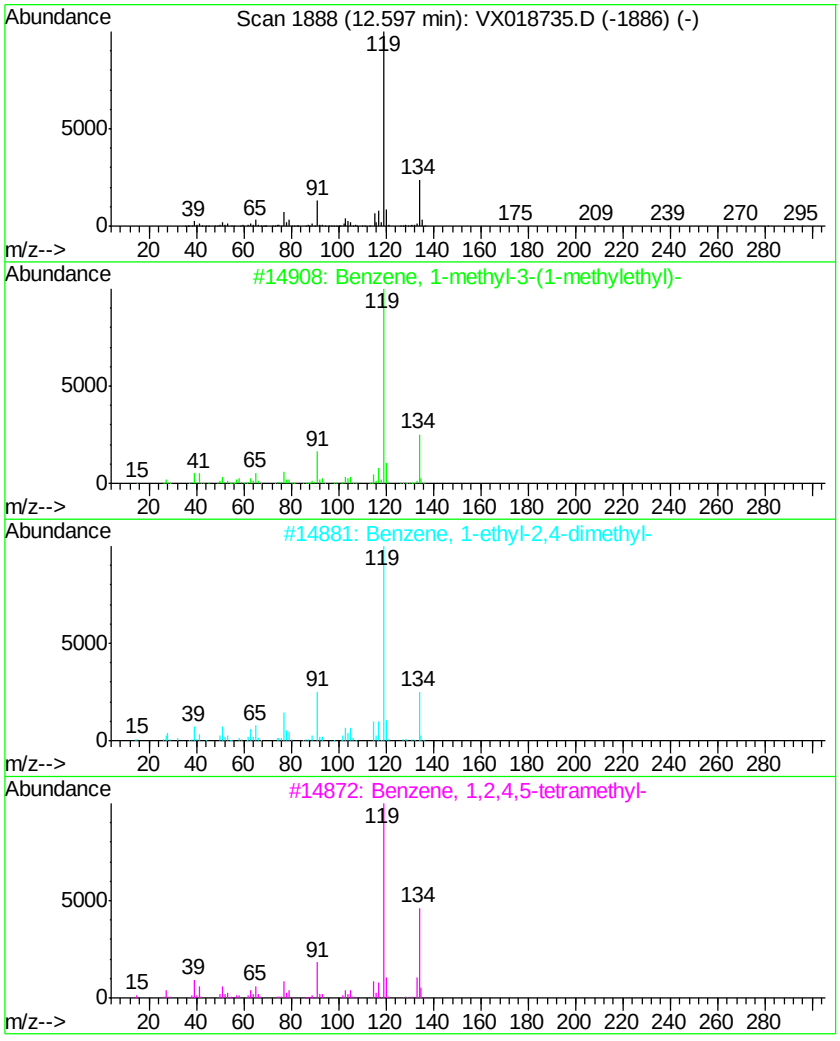
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

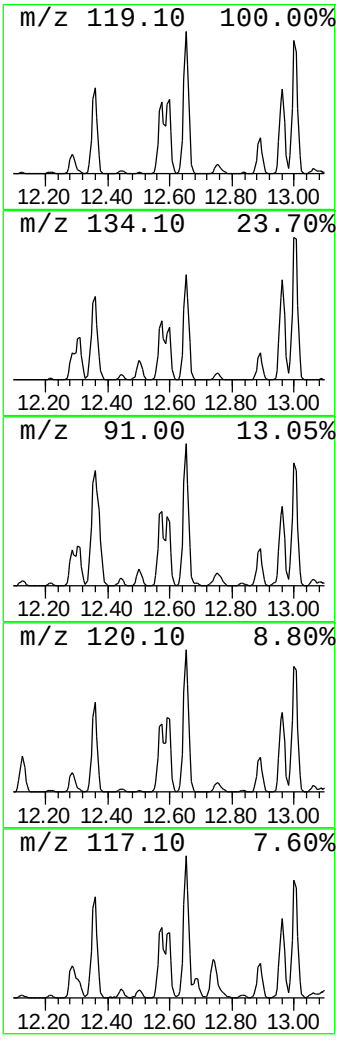
****

Peak Number 20 Benzene, 1-methyl-3-(1-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	13.04 ug/L	2681190	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
4	o-Cymene	134	C10H14	000527-84-4	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

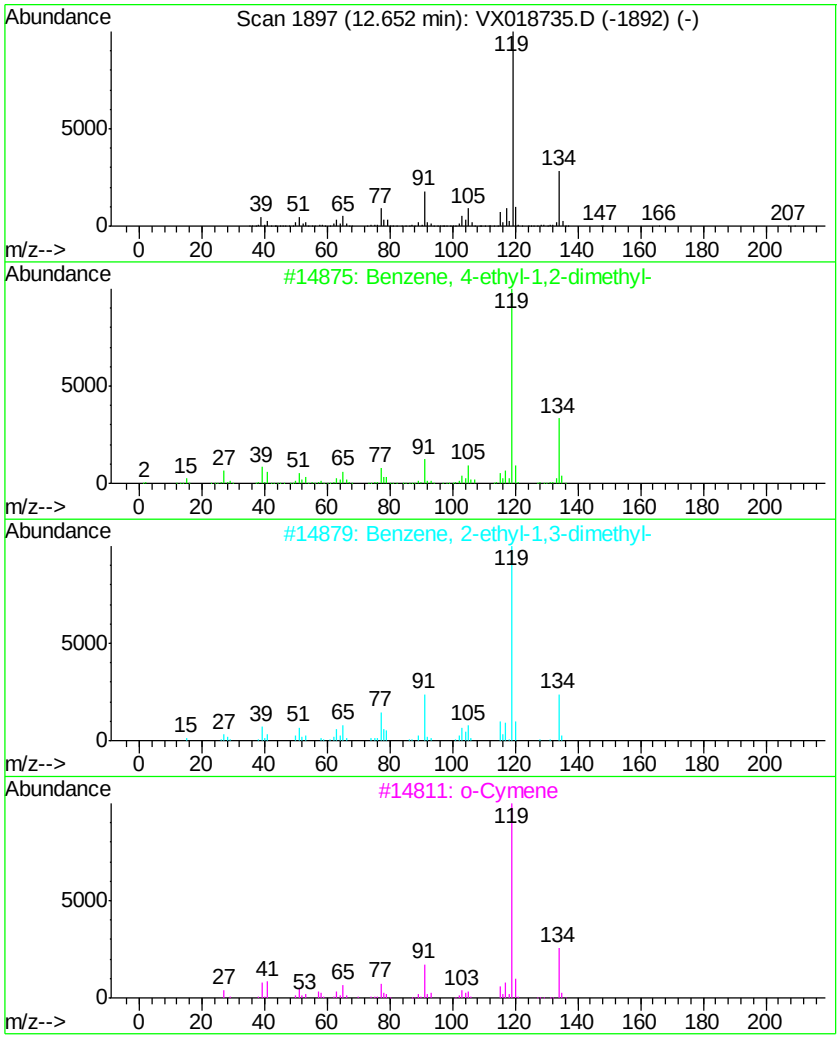
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

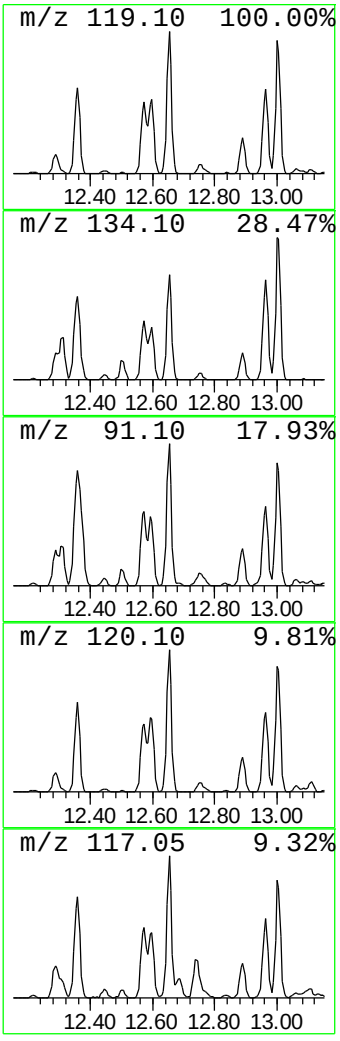
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	31.12 ug/L	6397670	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	p-Cymene	134	C10H14	000099-87-6	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

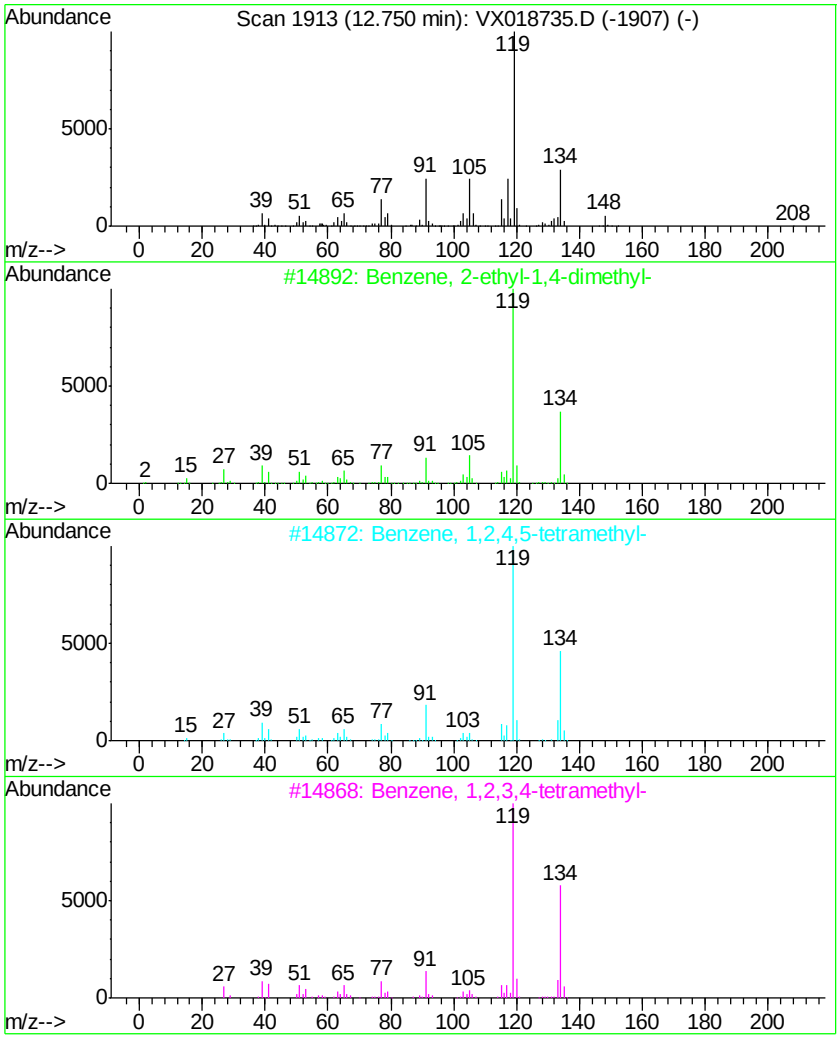
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

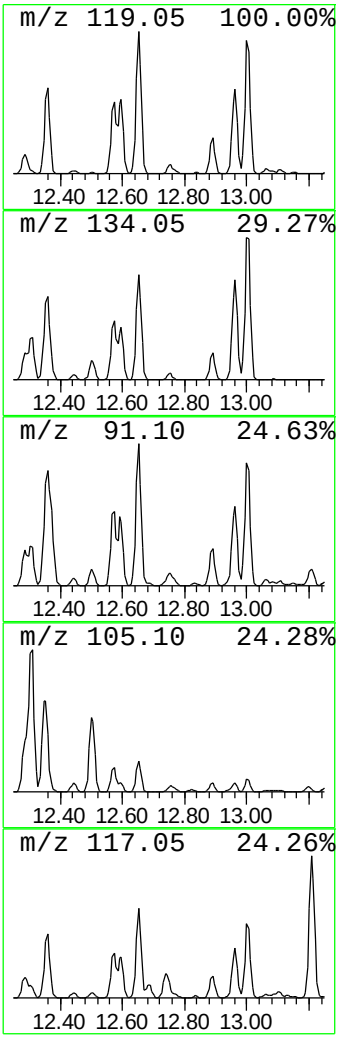
****

Peak Number 22 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	4.30 ug/L	884922	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
4	o-Cymene	134	C10H14	000527-84-4	76
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

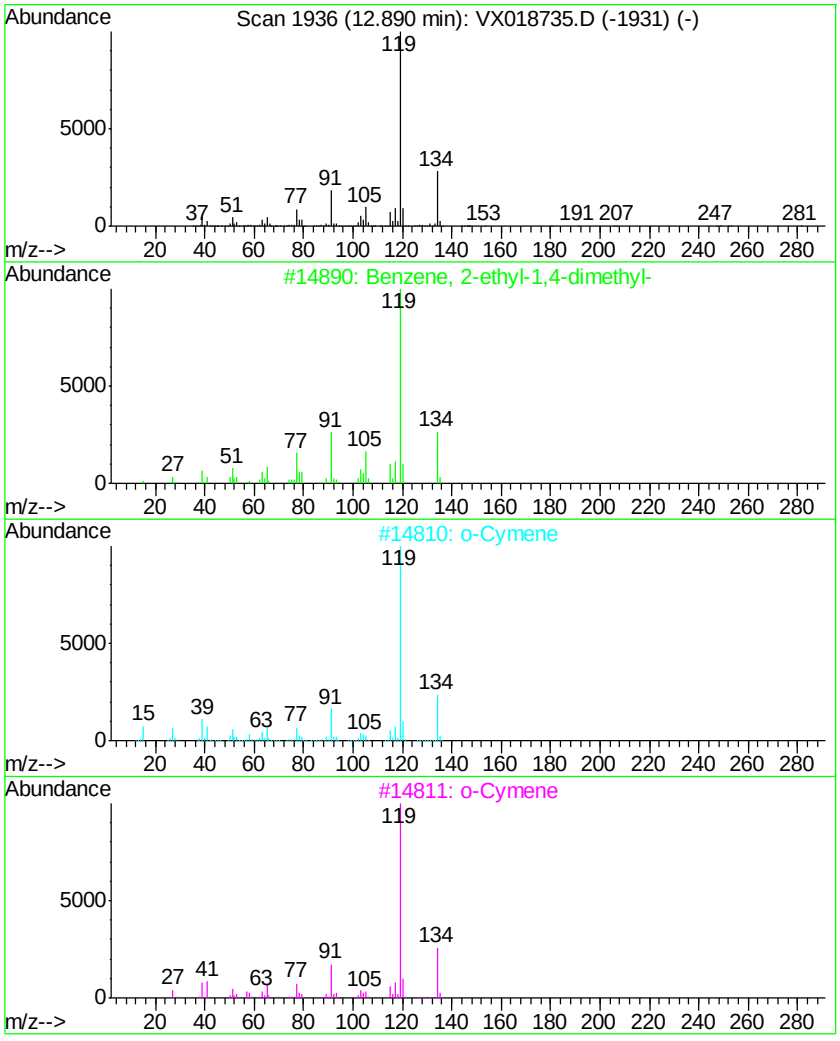
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

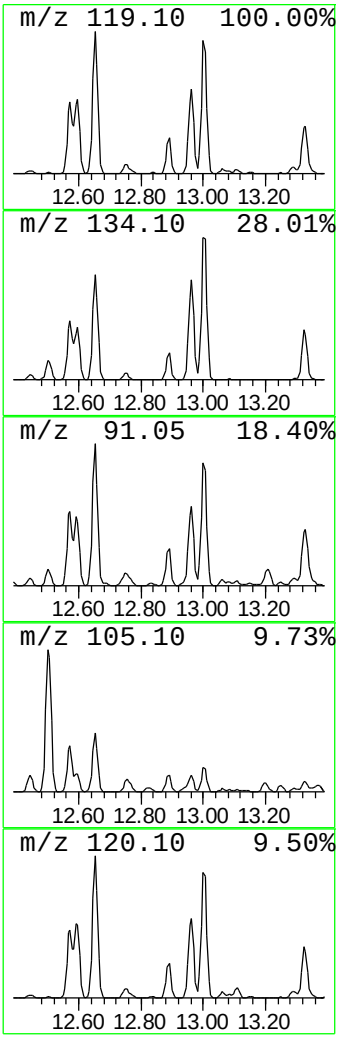
****

Peak Number 23 o-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	8.20 ug/L	1685440	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

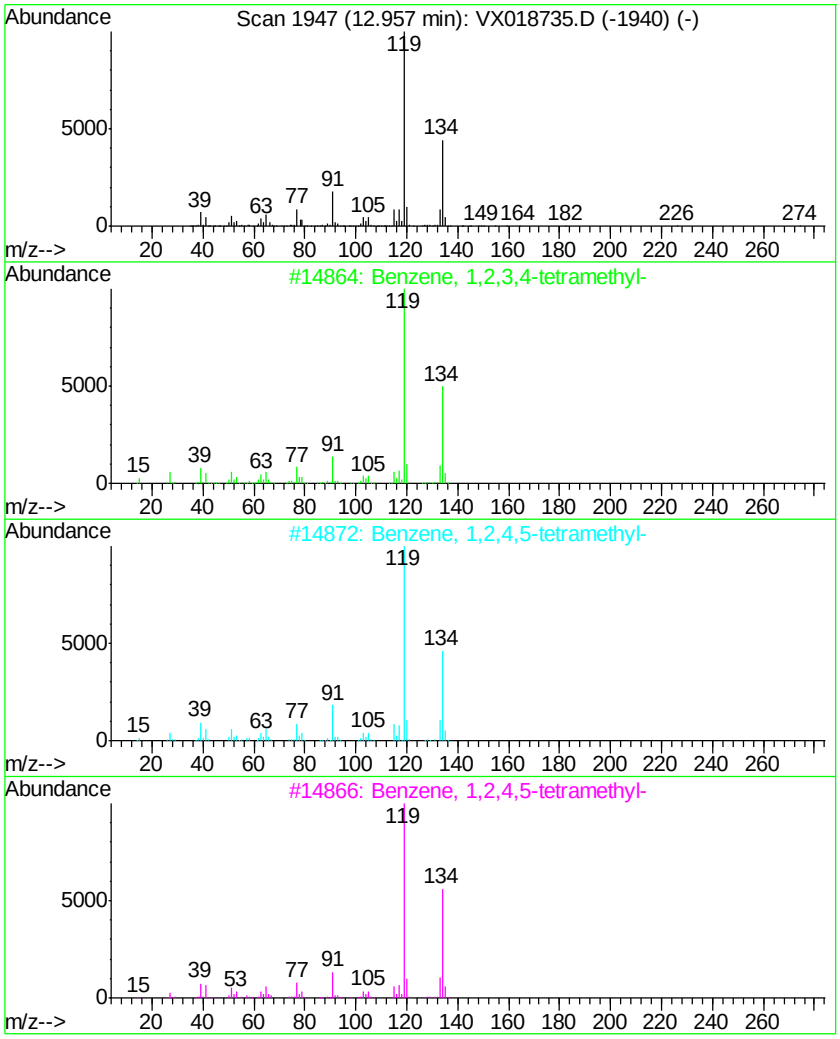
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

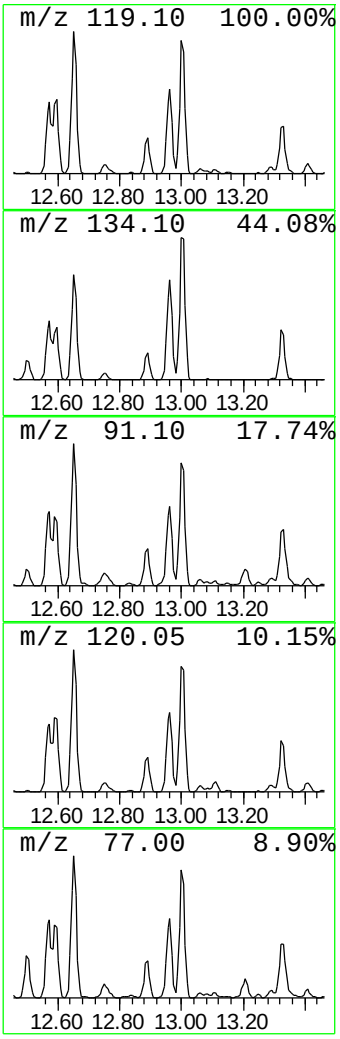
****

Peak Number 24 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	20.85 ug/L	4286550	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

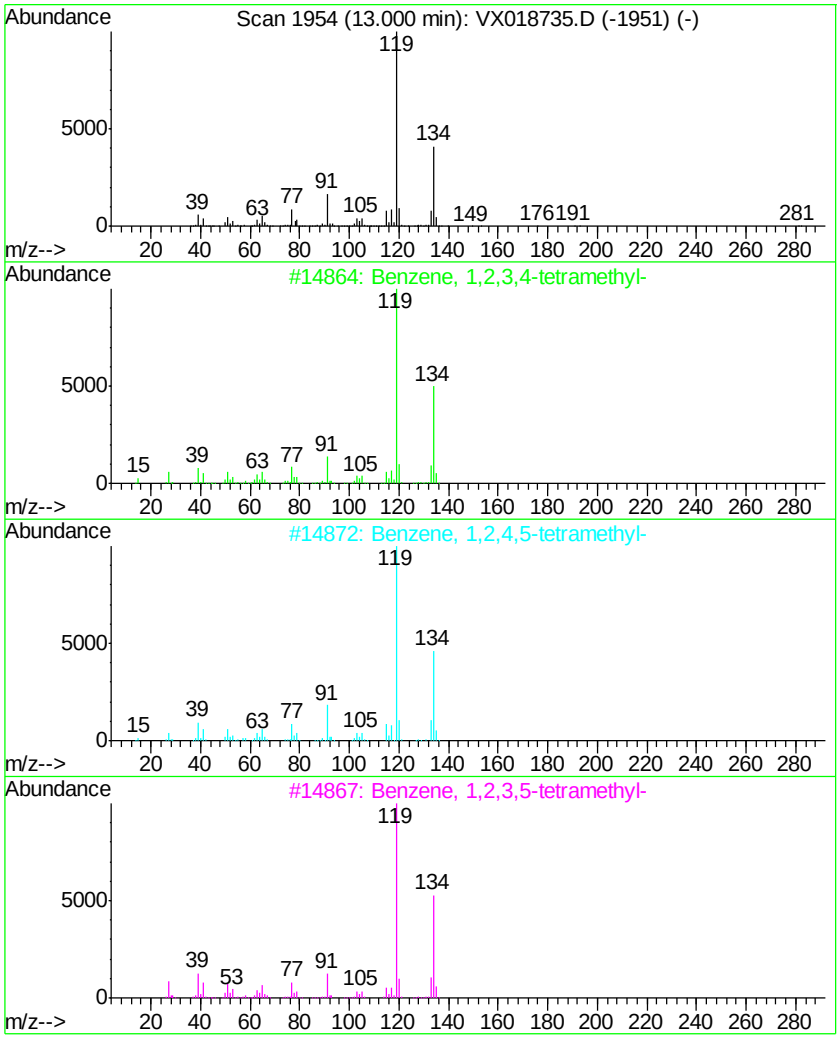
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

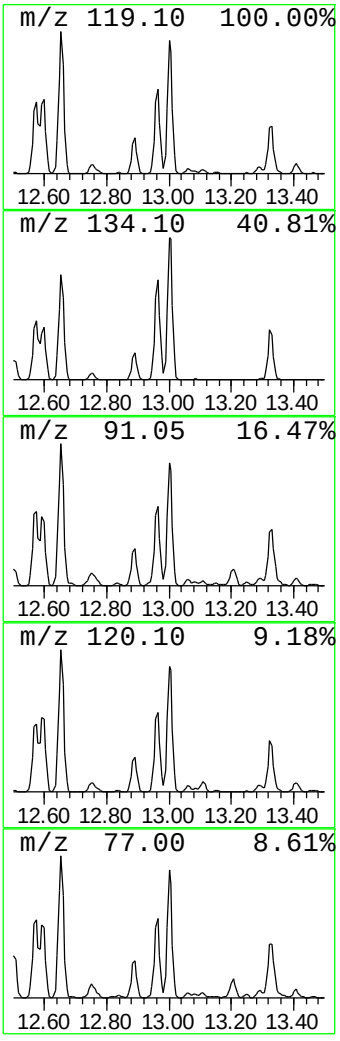
****

Peak Number 25 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	31.19 ug/L	6411900	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

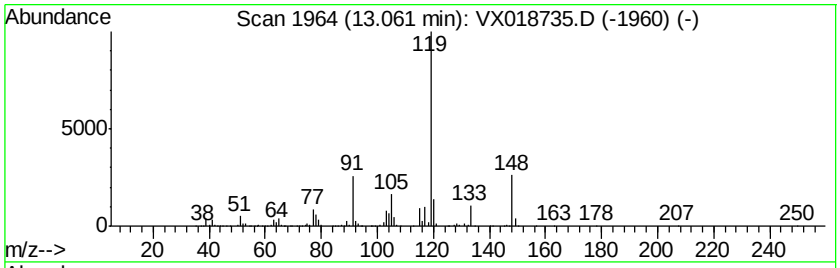
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

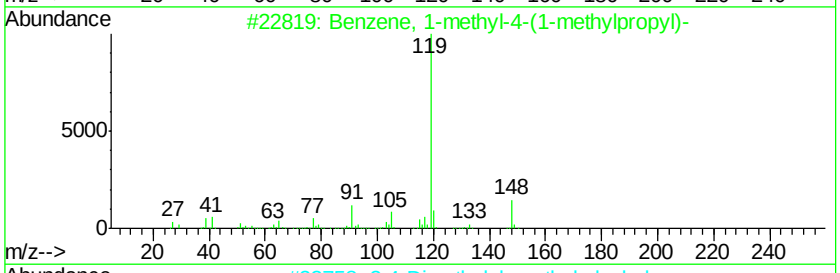
****

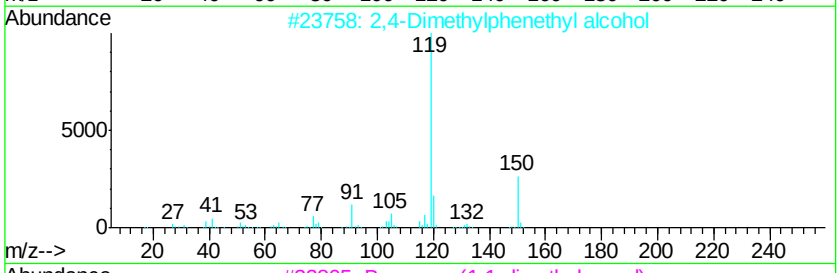
Peak Number 26 Benzene, 1-methyl-4-(1-meth... Concentration Rank 31

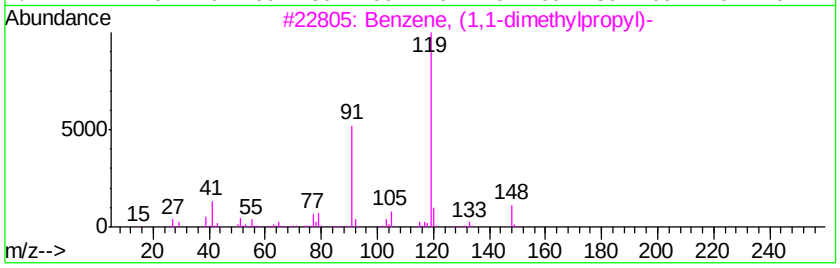
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	1.21 ug/L	247715	1,4-Dichlorobenzene-d4	12.06

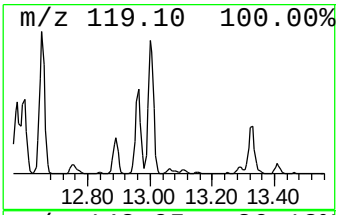
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	90
2	2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	76
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	59
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	59

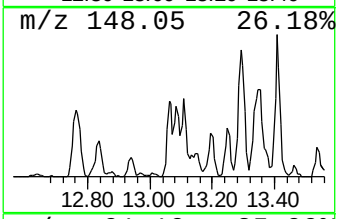


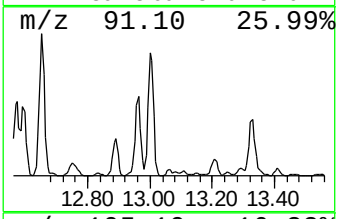


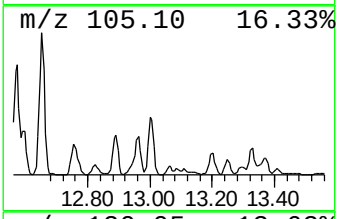


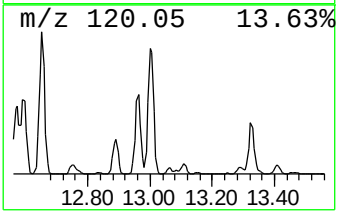












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

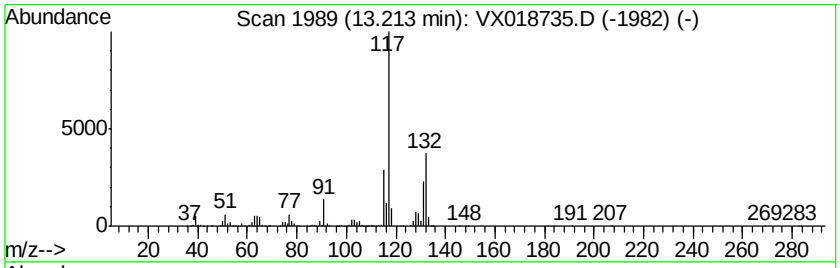
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

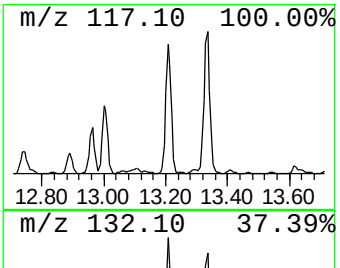
****

Peak Number 27 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	6.27 ug/L	1289240	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

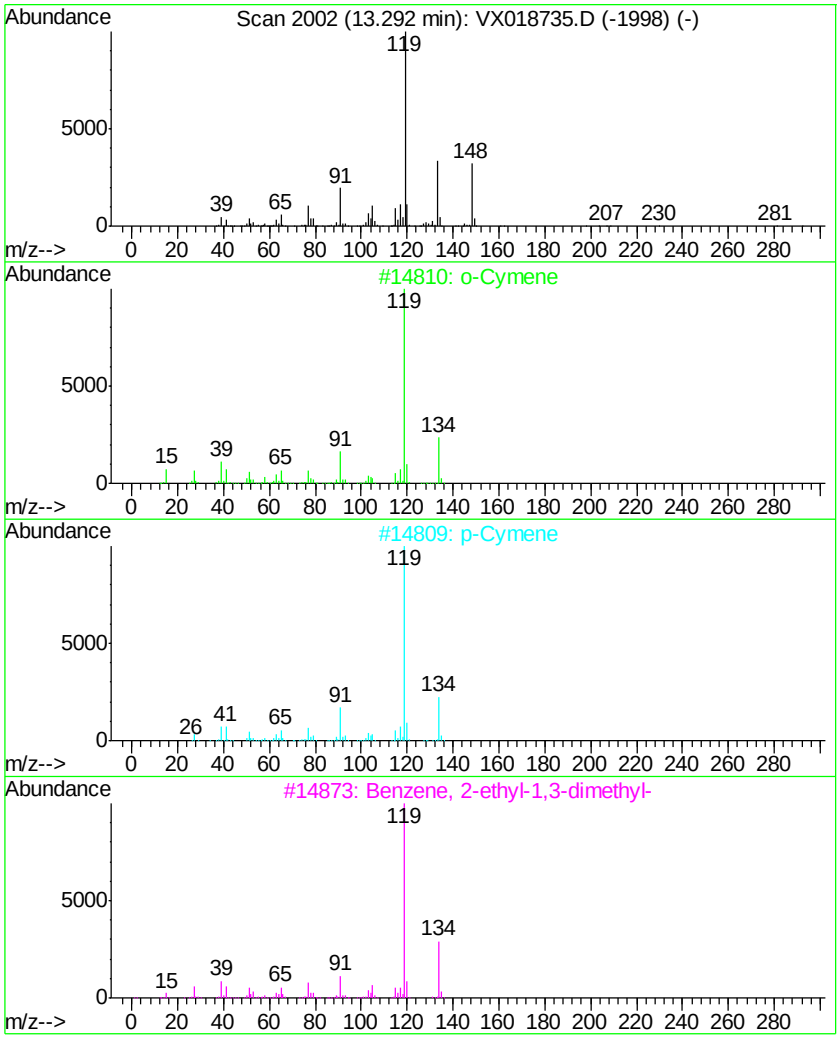
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

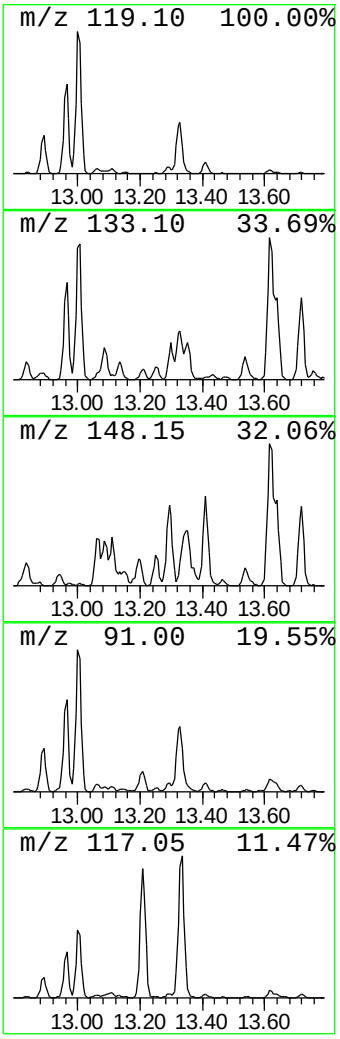
****

Peak Number 28 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	1.98 ug/L	406915	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	70
2	p-Cymene	134	C10H14	000099-87-6	70
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
4	o-Cymene	134	C10H14	000527-84-4	70
5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

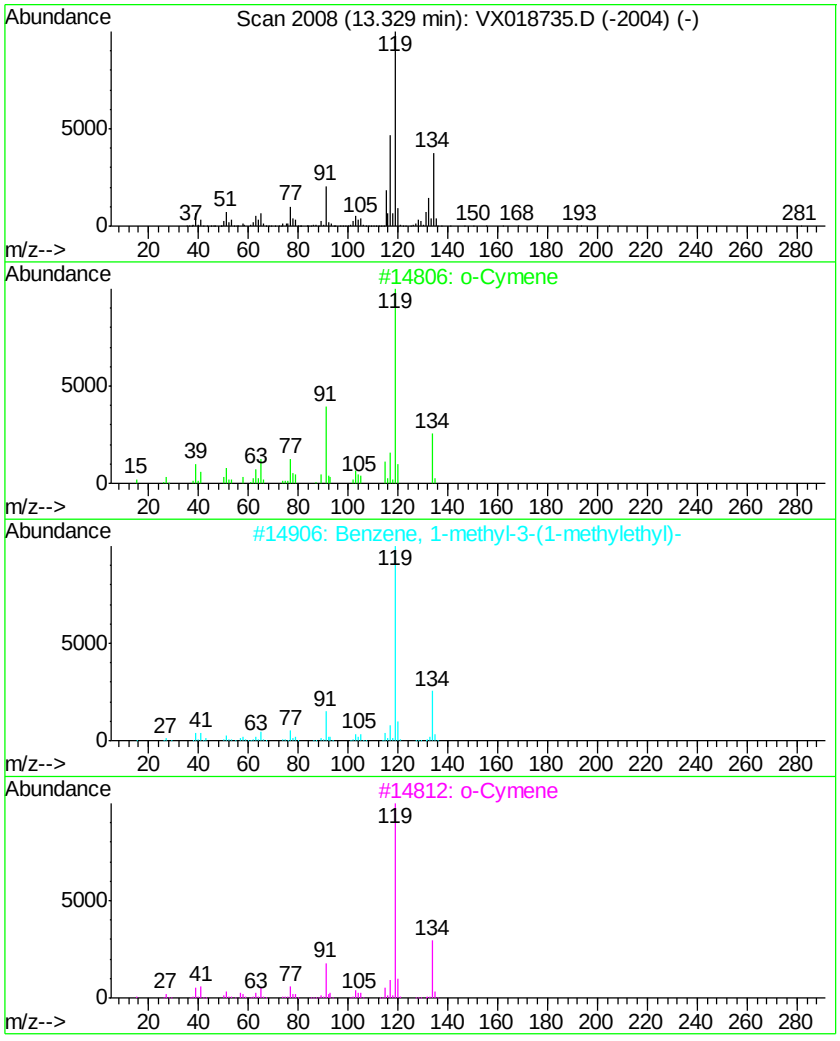
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

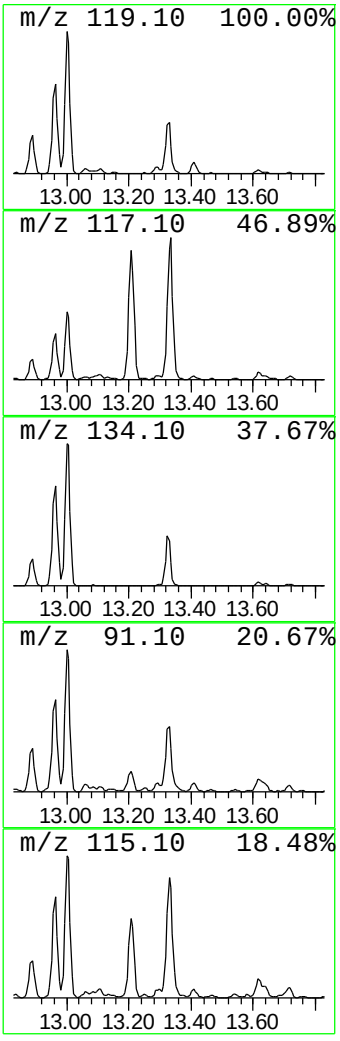
****

Peak Number 29 p-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	18.69 ug/L	3842490	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	70
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
3	o-Cymene	134	C10H14	000527-84-4	70
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
5	p-Cymene	134	C10H14	000099-87-6	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

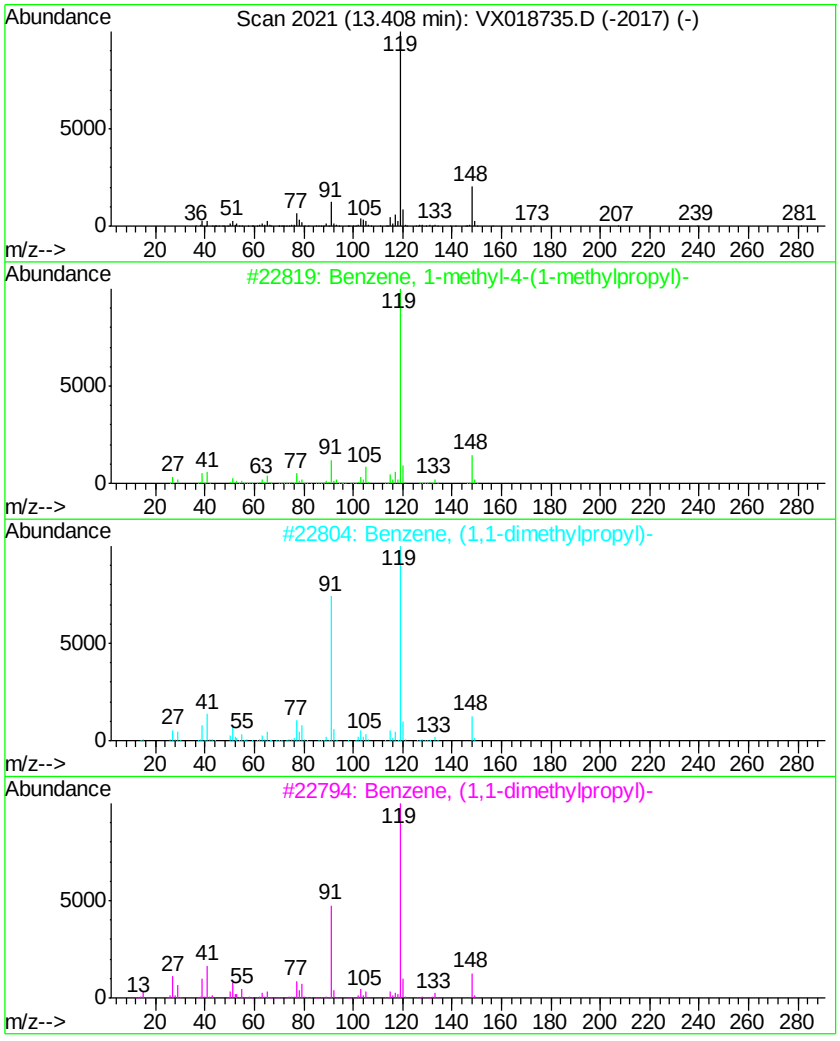
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

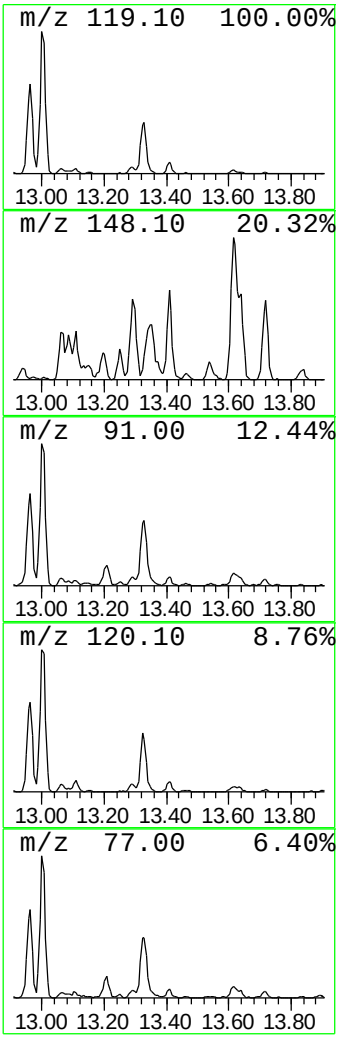
****

Peak Number 30 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	1.84 ug/L	378505	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	91
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	91
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	83
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

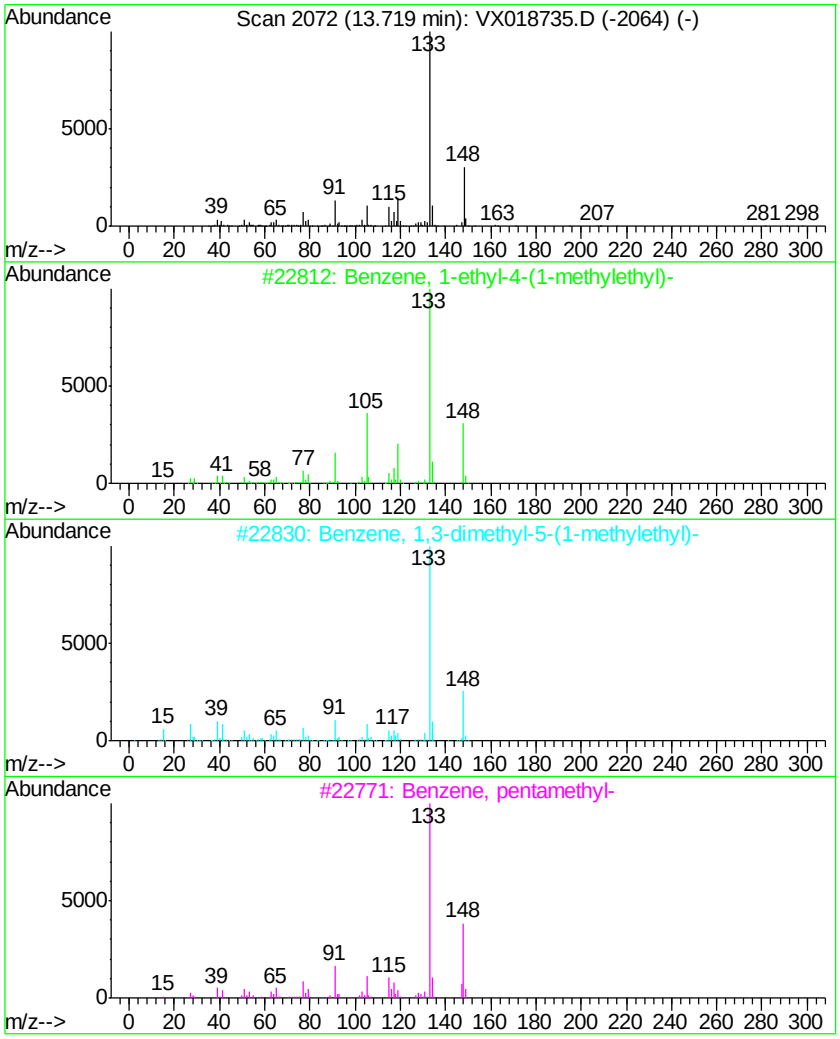
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

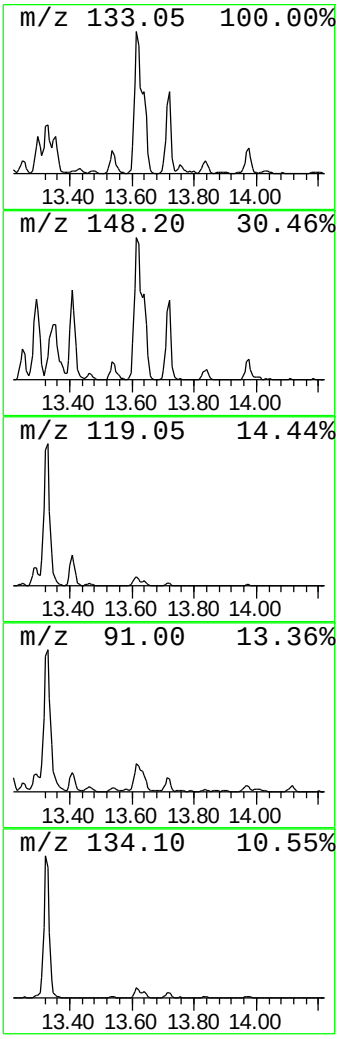
****

Peak Number 31 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	1.83 ug/L	375730	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	93
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	91
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

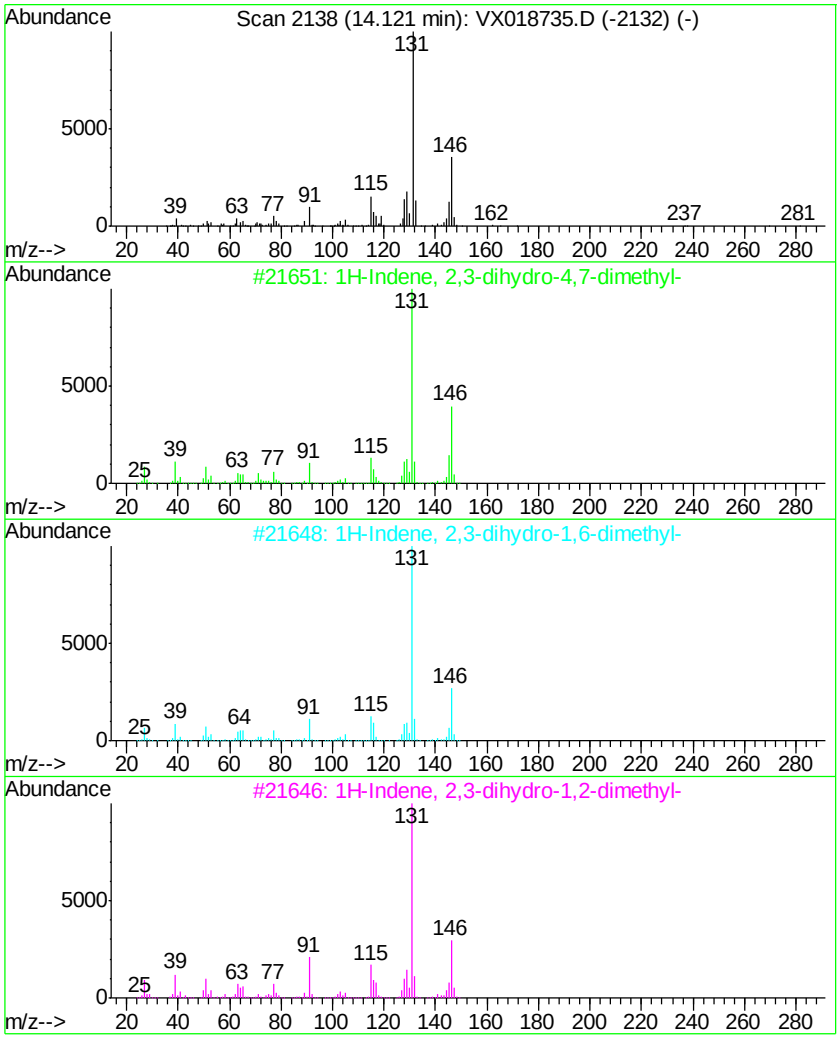
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

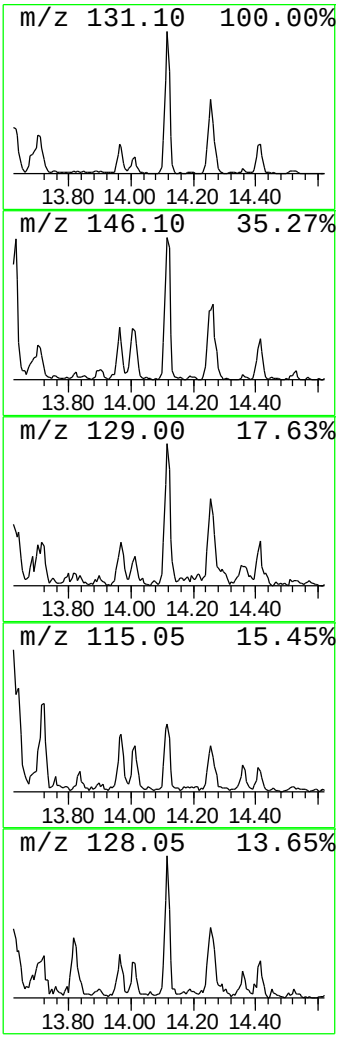
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	1.01 ug/L	207914	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

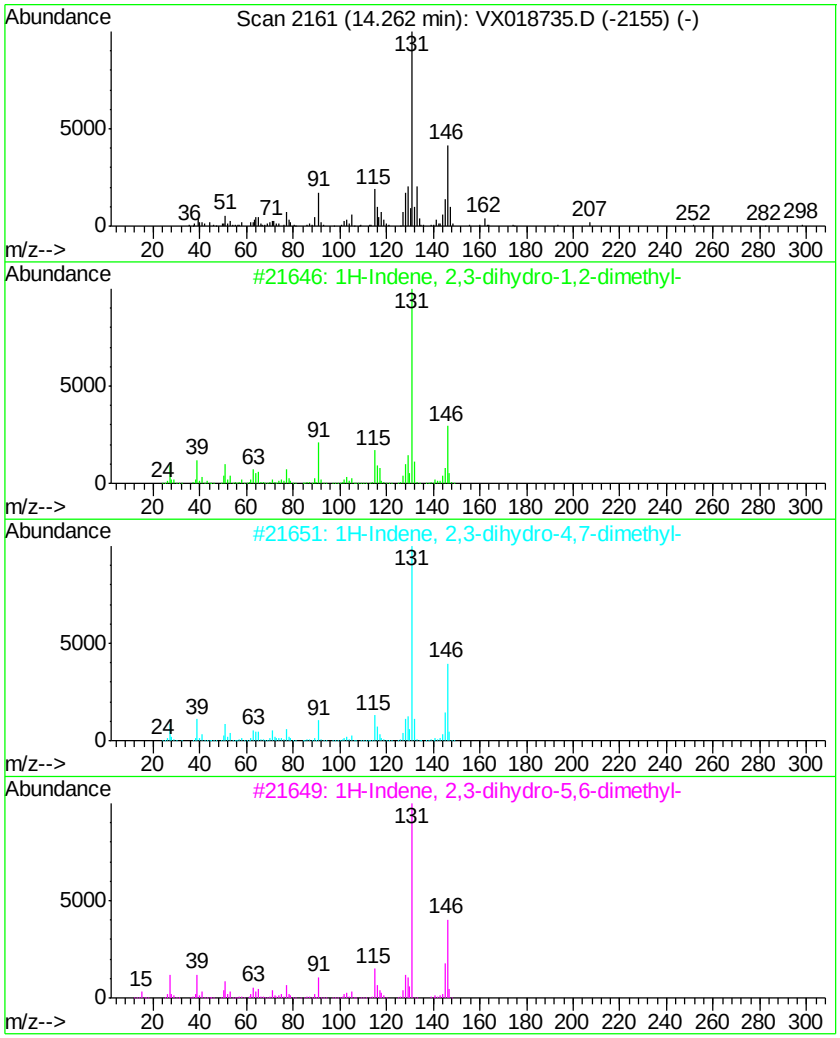
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

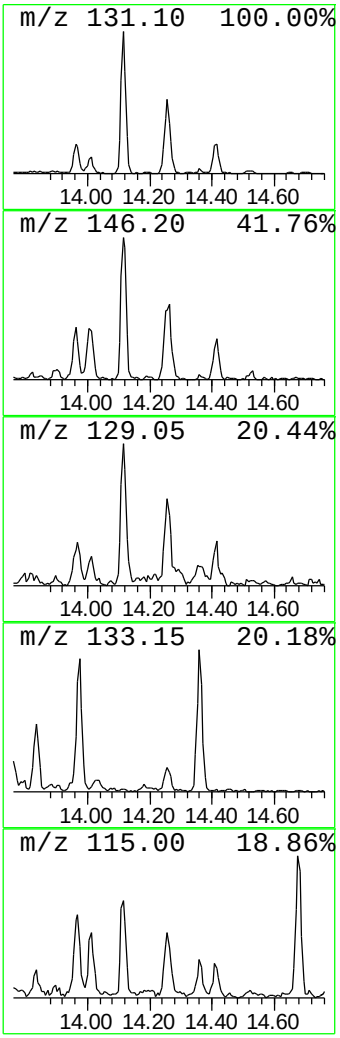
****

Peak Number 33 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	0.85 ug/L	174400	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	81
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018735.D
Acq On : 01 Oct 2020 20:53
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	3.15	119.2	ug/L	14089900	1	6.83	590914	5.0
(DEL) Alkane: Str...	3.50	146.0	ug/L	17254000	1	6.83	590914	5.0
(DEL) Alkane: Str...	4.12	4.9	ug/L	575069	1	6.83	590914	5.0
(DEL) Alkane: Str...	4.28	3.3	ug/L	392217	1	6.83	590914	5.0
(DEL) Alkane: Cyc...	4.38	7.7	ug/L	907582	1	6.83	590914	5.0
Benzene, propyl-	11.34	14.3	ug/L	2935510	3	12.06	1027810	5.0
Benzene, 1-ethyl-...	11.42	30.3	ug/L	6235300	3	12.06	1027810	5.0
Benzene, 1,2,3-tr...	11.49	18.4	ug/L	3774170	3	12.06	1027810	5.0
Benzene, 1-ethyl-...	11.65	3.7	ug/L	765268	3	12.06	1027810	5.0
Mesitylene	11.79	26.9	ug/L	5520460	3	12.06	1027810	5.0
Benzene, (2-methy...	11.90	1.7	ug/L	347239	3	12.06	1027810	5.0
2-Phenyl-oxetane	11.93	2.1	ug/L	434515	3	12.06	1027810	5.0
Benzene, 1,2,4-tr...	12.13	2.1	ug/L	430877	3	12.06	1027810	5.0
Benzene, 1,4-diet...	12.29	8.0	ug/L	1639280	3	12.06	1027810	5.0
Benzene, 1-methyl...	12.30	12.8	ug/L	2635650	3	12.06	1027810	5.0
Benzene, 1,2-diet...	12.44	1.6	ug/L	330989	3	12.06	1027810	5.0
Benzene, 1-methyl...	12.50	6.4	ug/L	1322780	3	12.06	1027810	5.0
Benzene, 2-ethyl-...	12.57	20.3	ug/L	4167420	3	12.06	1027810	5.0
Benzene, 1-methyl...	12.60	13.0	ug/L	2681190	3	12.06	1027810	5.0
Benzene, 4-ethyl-...	12.65	31.1	ug/L	6397670	3	12.06	1027810	5.0
unknown-01	12.75	4.3	ug/L	884922	3	12.06	1027810	5.0
o-Cymene	12.89	8.2	ug/L	1685440	3	12.06	1027810	5.0
Benzene, 1,2,3,4-...	12.96	20.9	ug/L	4286550	3	12.06	1027810	5.0
Benzene, 1,2,4,5-...	13.00	31.2	ug/L	6411900	3	12.06	1027810	5.0
Benzene, 1-methyl...	13.06	1.2	ug/L	247715	3	12.06	1027810	5.0
Benzene, 1-etheny...	13.21	6.3	ug/L	1289240	3	12.06	1027810	5.0
Benzene, 2-ethyl-...	13.29	2.0	ug/L	406915	3	12.06	1027810	5.0
p-Cymene	13.33	18.7	ug/L	3842490	3	12.06	1027810	5.0
Benzene, 1-ethyl-...	13.41	1.8	ug/L	378505	3	12.06	1027810	5.0
Benzene, 1-ethyl-...	13.72	1.8	ug/L	375730	3	12.06	1027810	5.0
1H-Indene, 2,3-di...	14.12	1.0	ug/L	207914	3	12.06	1027810	5.0
1H-Indene, 2,3-di...	14.26	0.8	ug/L	174400	3	12.06	1027810	5.0