LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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	2.830	275	286	287	rBV	8863768	15170820	4.42%	0.747%
2	2.879	287	294	320	rVB3	57934076	133021823	38.73%	6.550%
3	3.178	326	343	370	rBV2	89640271	256100985	74.57%	12.611%
4	3.550	385	404	419	rBV5	104373325	343425712	100.00%	16.911%
5	4.123	483	498	510	rBV	3635045	10747577	3.13%	0.529%
6	4.288	510	525	532	rVV	2403488	7483033	2.18%	0.368%
7	4.379	532	540	553	rVV	7226691	20460406	5.96%	1.008%
8	11.000	1621	1626	1635	rBV	2679916	3538306	1.03%	0.174%
9	11.347	1677	1683	1689	rBV2	39402511	55583372	16.18%	2.737%
10	11.433	1690	1697	1699	rBV2	48826084	86870390	25.30%	4.278%
11	11.500	1703	1708	1713	rVB	50840055	66819760	19.46%	3.290%
12	11.652	1728	1733	1742	rVB	11948257	15114096	4.40%	0.744%
13	11.805	1751	1758	1762	rVB2	69050664	95622555	27.84%	4.709%
14	11.908	1770	1775	1777	rBV	5609042	7463987	2.17%	0.368%
15	11.933	1777	1779	1784	rVB	7787284	8192624	2.39%	0.403%
16	12.012	1787	1792	1796	rBV	16898825	20521791	5.98%	1.011%
17	12.054	1796	1799	1806	rVB	5803901	7040148	2.05%	0.347%
18	12.128	1806	1811	1817	rBV	7063971	8632897	2.51%	0.425%
19	12.292	1832	1838	1839	rBV	27359201	31533726	9.18%	1.553%
20	12.317	1839	1842	1845	rVV	38421777	48021239	13.98%	2.365%
21	12.365	1845	1850	1859	rVB4	67864204	105539550	30.73%	5.197%
22	12.451	1859	1864	1868	rBV	5870511	6791361	1.98%	0.334%
23	12.506	1868	1873	1878	rVB	21450441	25939876	7.55%	1.277%
24	12.579	1879	1885	1887	rBV2	47466648	67543934	19.67%	3.326%
25	12.603	1887	1889	1894	rVB	47590521	55473353	16.15%	2.732%
26	12.664	1894	1899	1903	rBV2	80186865	107138213	31.20%	5.276%
27	12.756	1908	1914	1921	rBV2	10904110	16854374	4.91%	0.830%
28	12.896	1932	1937	1941	rVB	26895926	33948285	9.89%	1.672%
29	12.975	1941	1950	1953	rBV2	53756806	78841487	22.96%	3.882%
30	13.018	1953	1957	1961	rVV2	82428431	104264154	30.36%	5.134%
31	13.066	1961	1965	1967	rVV	2807630	3581949	1.04%	0.176%
32	13.213	1982	1989	1993	rVV	21380966	26195950	7.63%	1.290%
33	13.298	1999	2003	2005	rBV2	4478212	6298545	1.83%	0.310%
34	13.335	2005	2009	2018	rVV2	53396909	71976630	20.96%	3.544%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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	13.414	2018	2022	2027	rVB	4622521	5342073	1.56%	0.263%
36	13.633	2052	2058	2064	rVB3	33555240	50503873	14.71%	2.487%
37	13.719	2067	2072	2075	rVB2	4372536	5410826	1.58%	0.266%
38	14.005	2115	2119	2128	rVV2	7536518	9677827	2.82%	0.477%
39	14.115	2132	2137	2142	rBV	3232756	3770728	1.10%	0.186%
40	14.676	2222	2229	2234	rBV	3400262	4330598	1.26%	0.213%

Sum of corrected areas: 2030788833

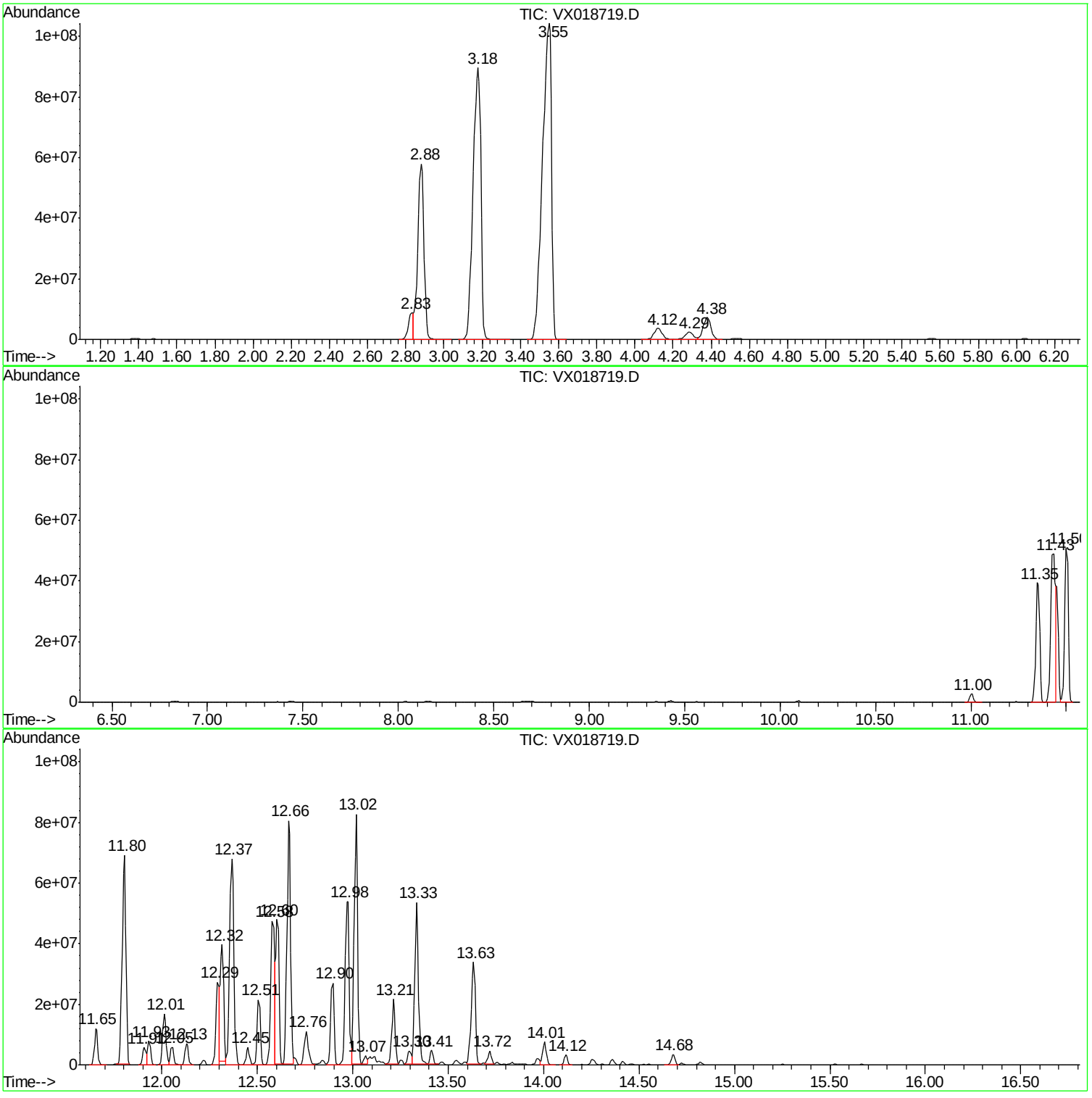
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

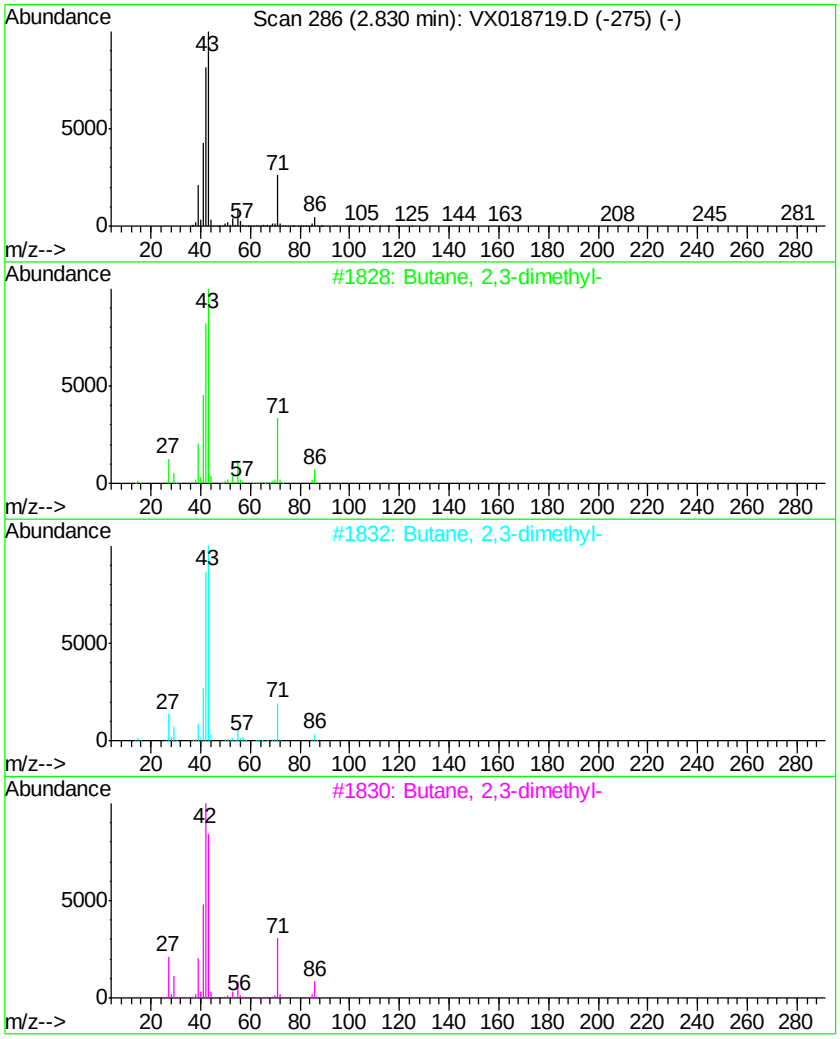
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

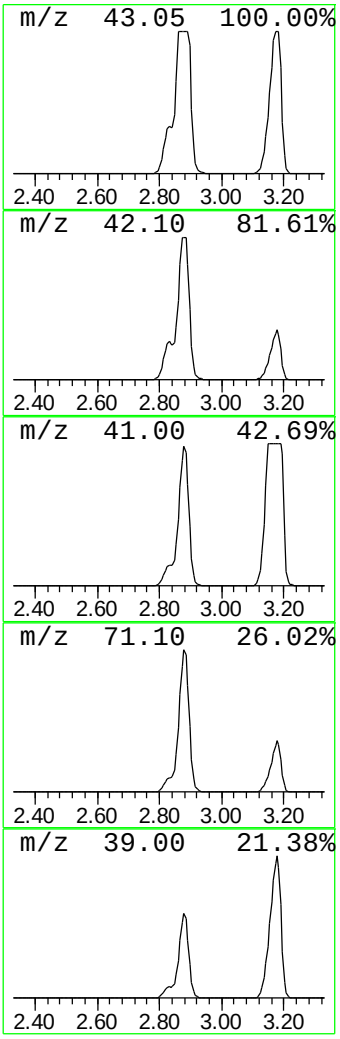
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.83	3.71 ug/L	15170800	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	91
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

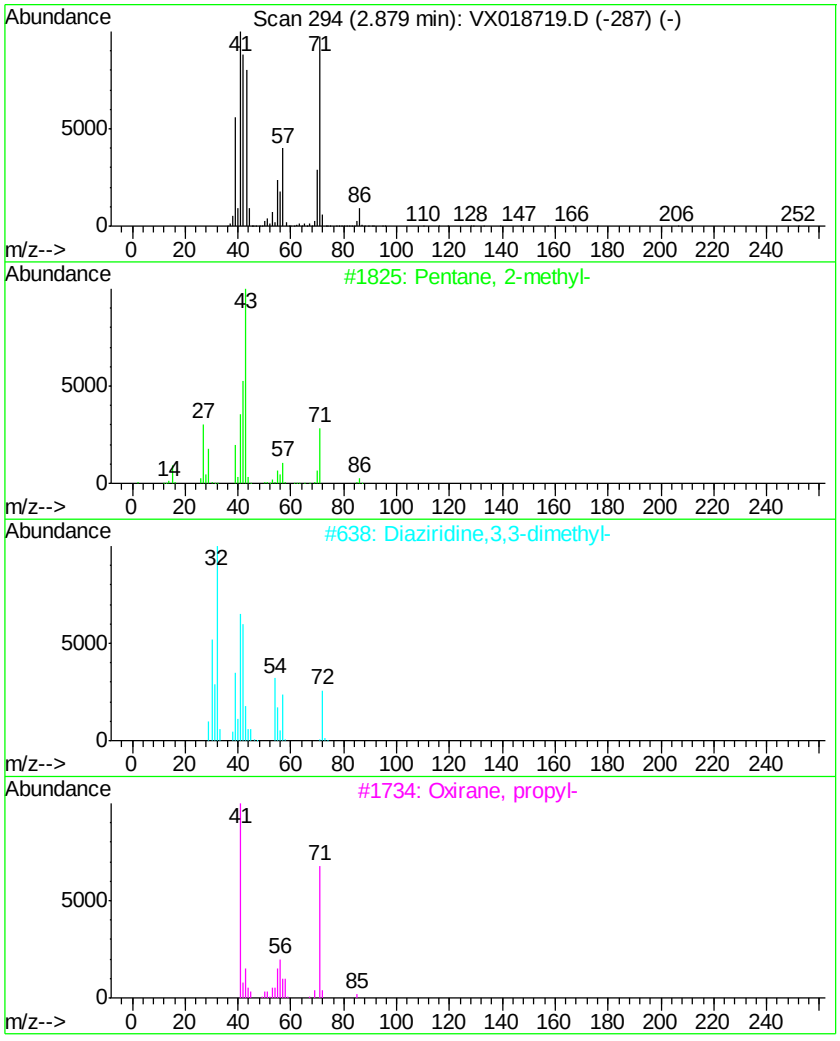
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

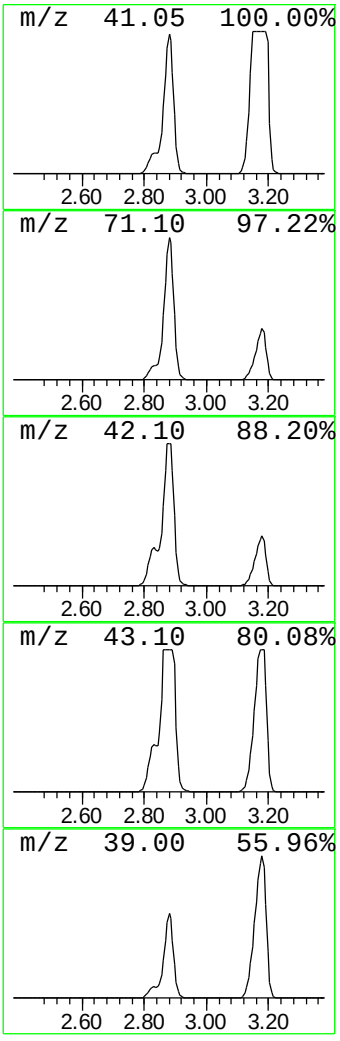
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	32.51 ug/L	133022000	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	49
2	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	43
3	Oxirane, propyl-	86	C5H10O	001003-14-1	38
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	38
5	1-Hexene	84	C6H12	000592-41-6	37





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

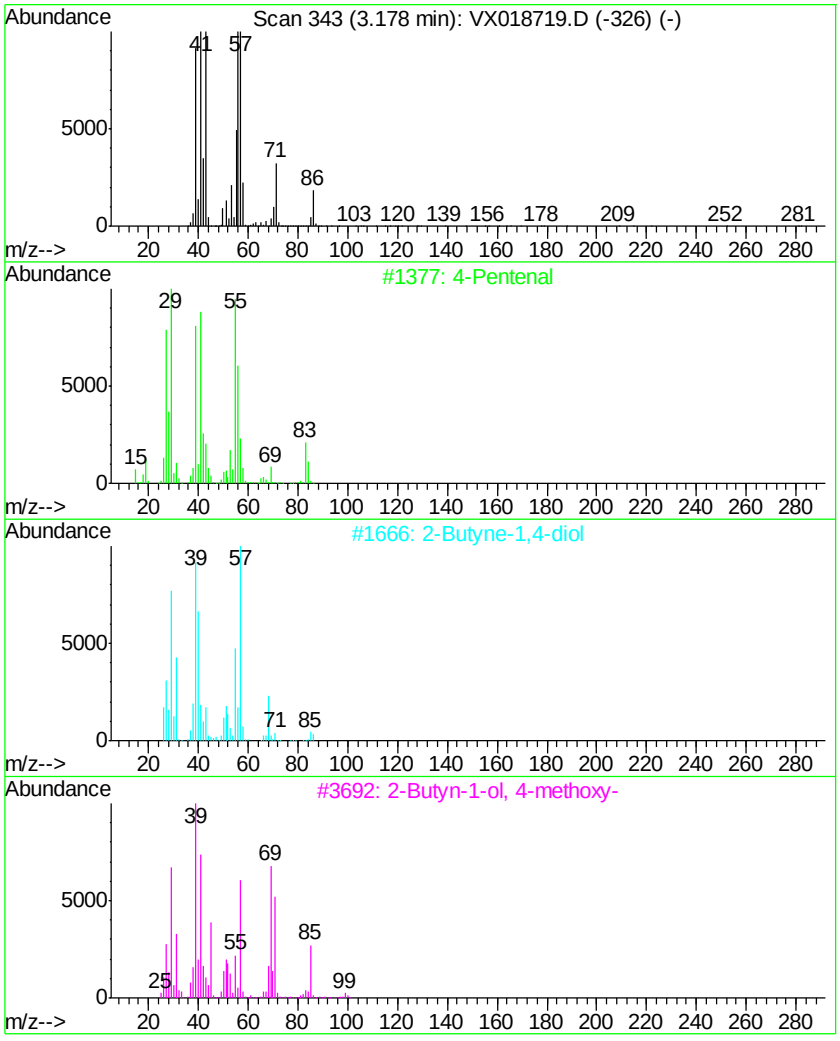
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

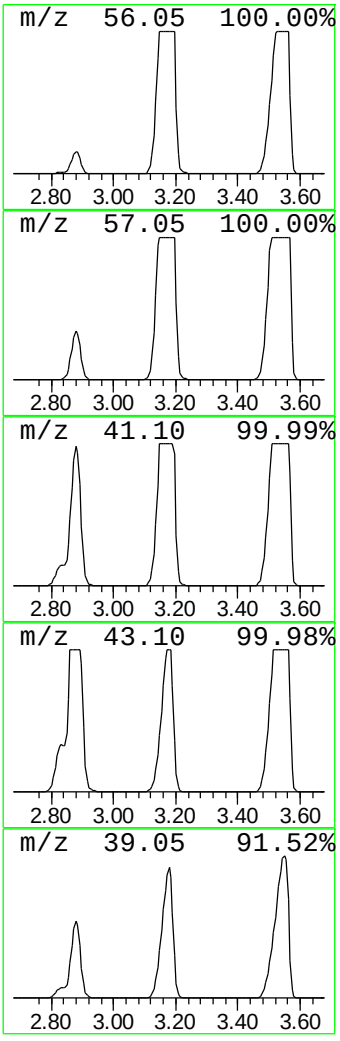
****

Peak Number 3 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	62.58 ug/L	256101000	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pentenal	84	C5H8O	002100-17-6	39
2	2-Butyne-1,4-diol	86	C4H6O2	000110-65-6	33
3	2-Butyn-1-ol, 4-methoxy-	100	C5H8O2	018857-03-9	33
4	Methanamine, N-(1-methylbutylide...	99	C6H13N	022431-09-0	28
5	3-Buten-1-ol, 3-methyl-	86	C5H10O	000763-32-6	14





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

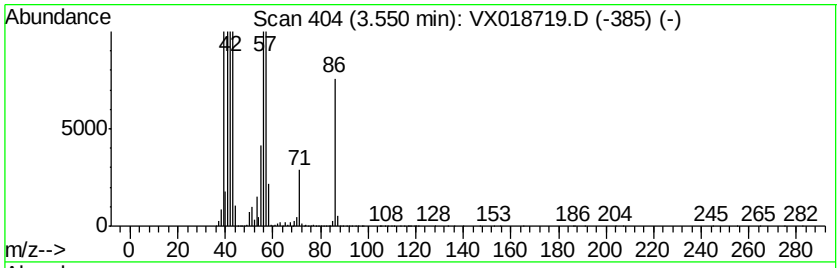
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

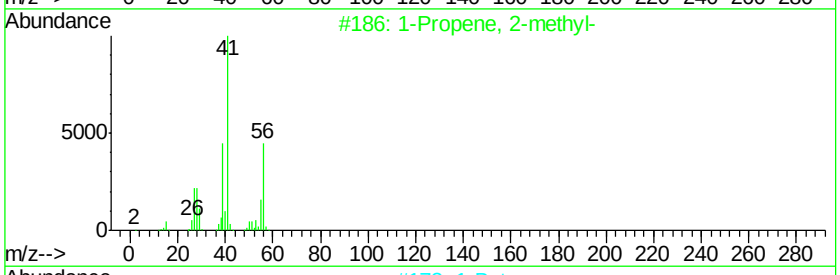
****

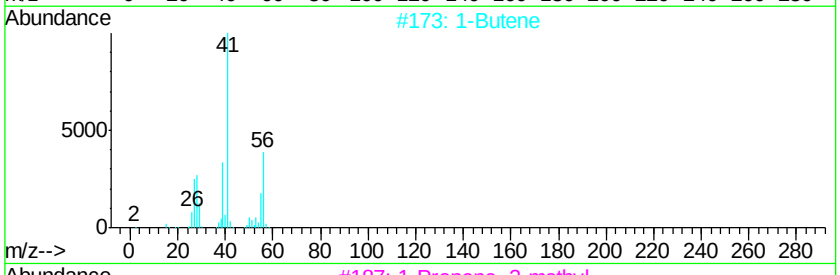
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

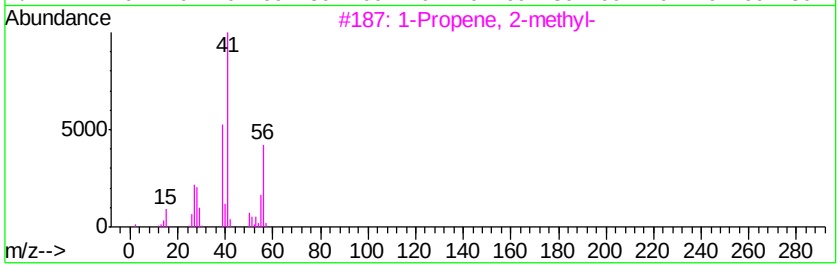
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.55	83.92 ug/L	343426000	1,4-Difluorobenzene	6.83

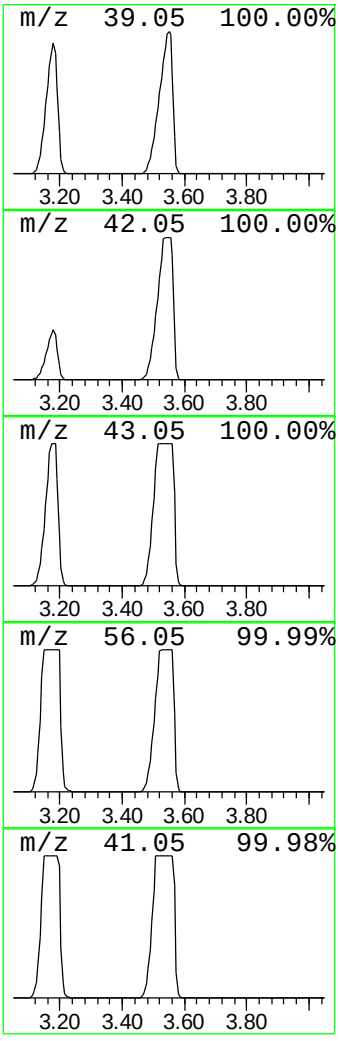
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	50
2	1-Butene	56	C4H8	000106-98-9	50
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	50
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	50
5	1-Butene	56	C4H8	000106-98-9	50











Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

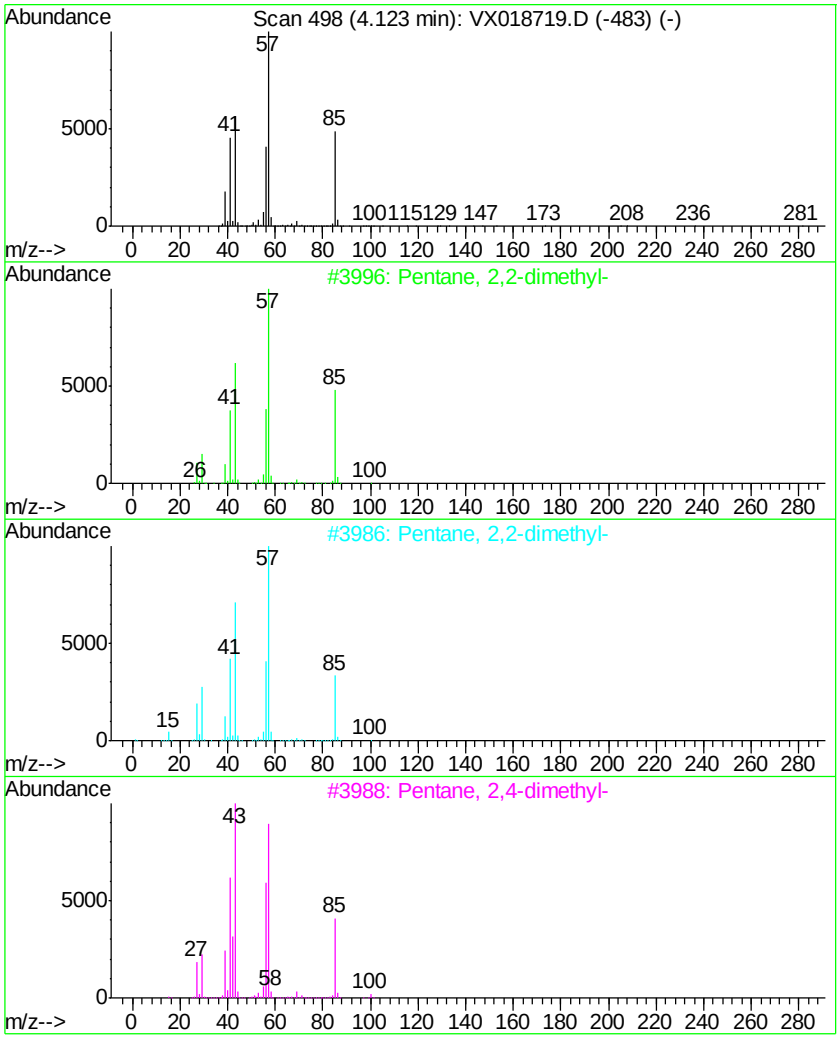
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

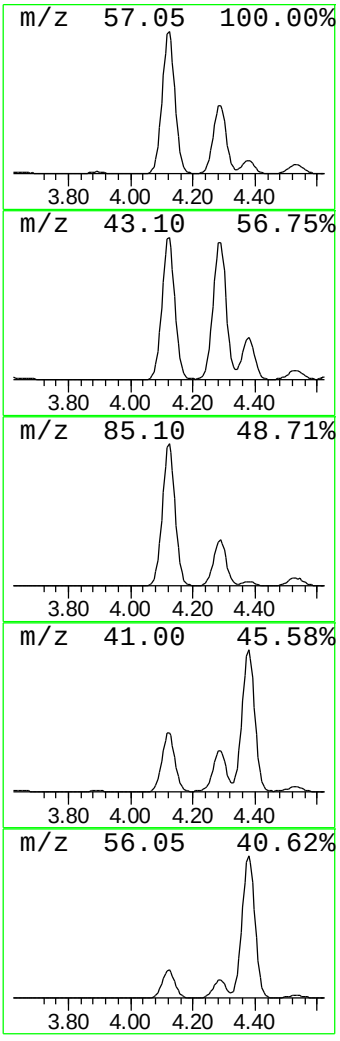
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.12	2.63 ug/L	10747600	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	90
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	64
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

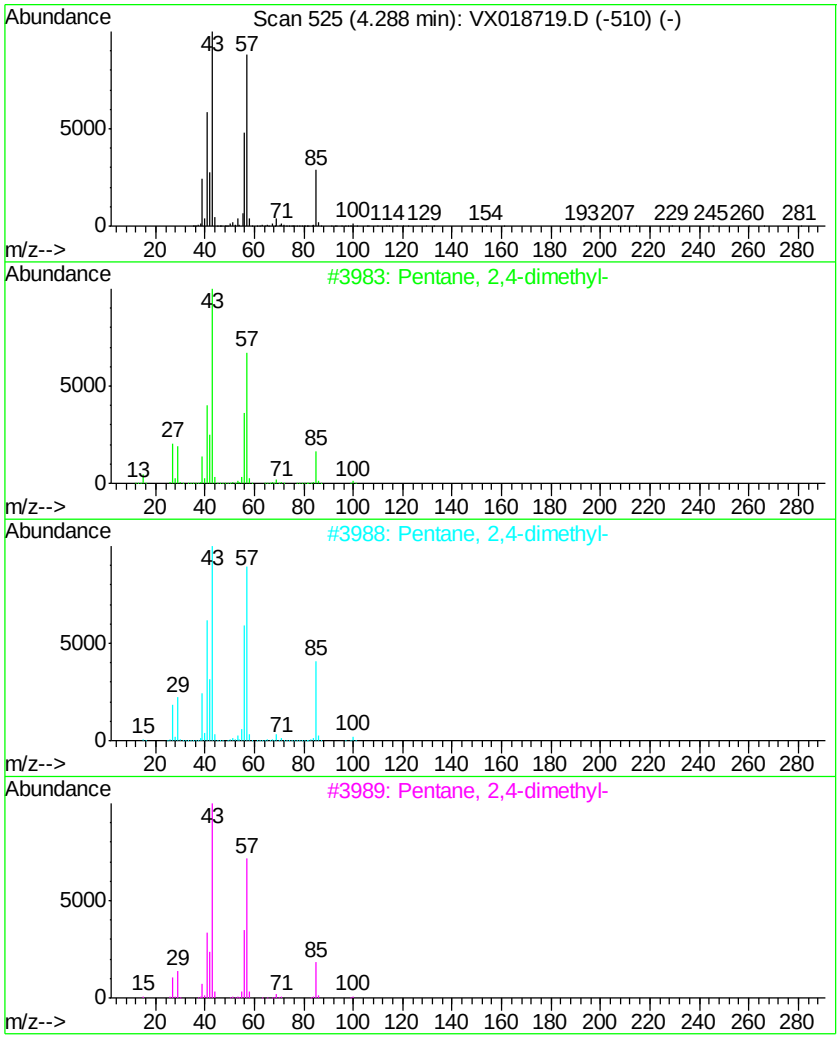
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

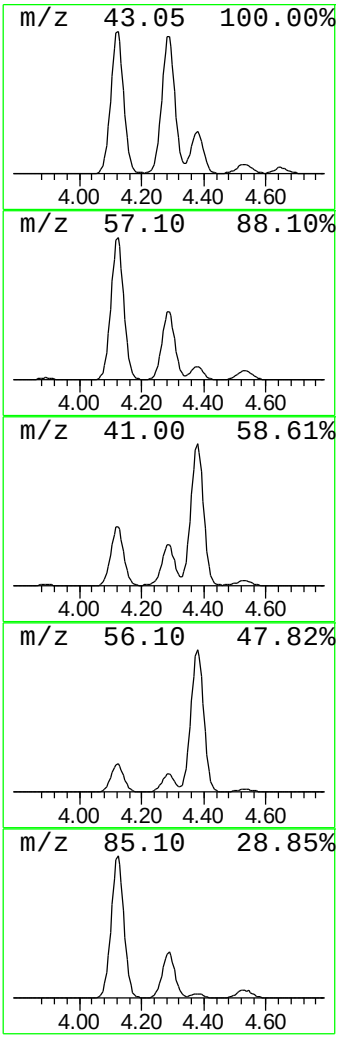
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.29	1.83 ug/L	7483030	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	87
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	80
4	Hexane, 2-methyl-	100	C7H16	000591-76-4	64
5	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

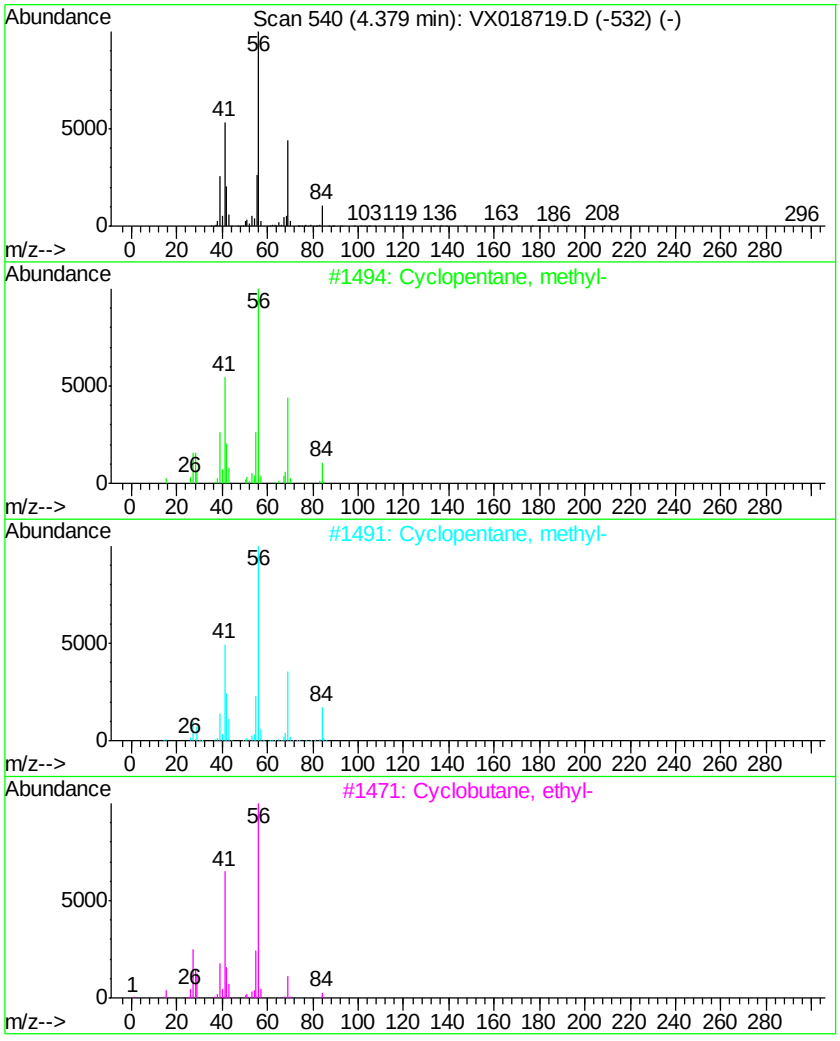
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

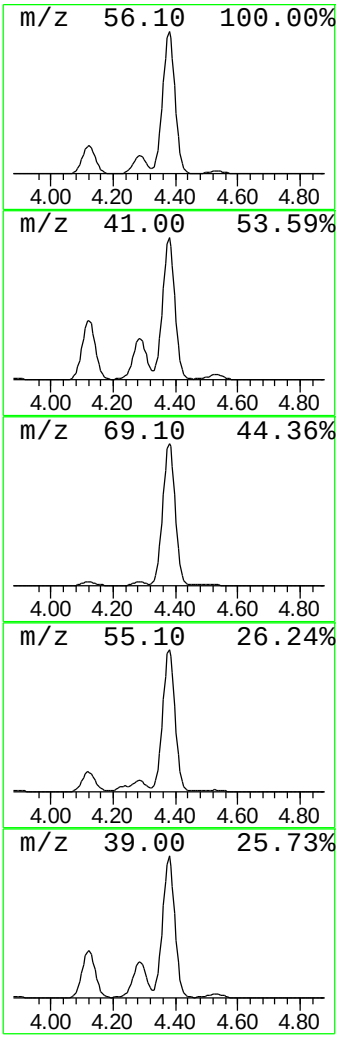
****

Peak Number 7 (DEL) Alkane: Cyclic4.38 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	5.00 ug/L	20460400	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	72
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

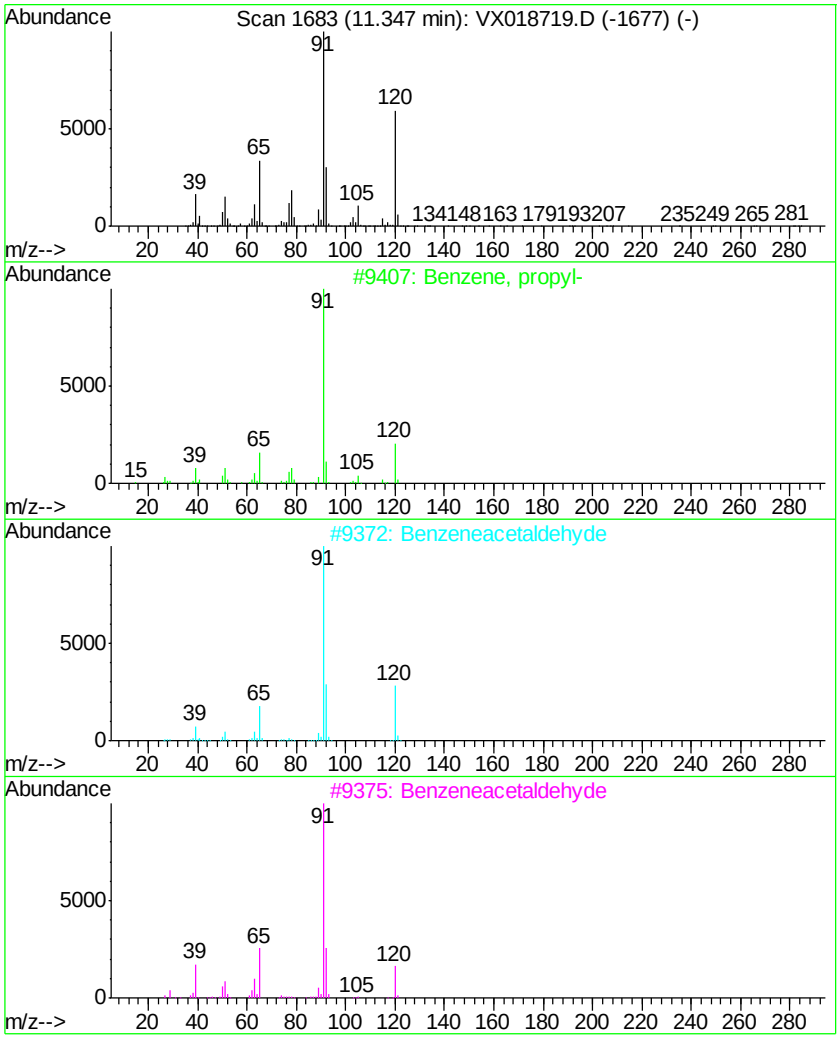
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

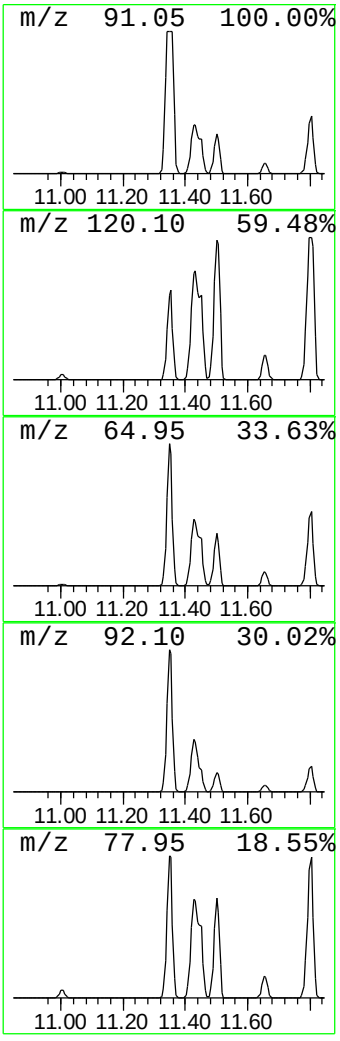
****

Peak Number 8 Benzene, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	39.48 ug/L	55583400	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	81
2	Benzeneacetaldehyde	120	C8H8O	000122-78-1	81
3	Benzeneacetaldehyde	120	C8H8O	000122-78-1	81
4	Benzene, propyl-	120	C9H12	000103-65-1	76
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

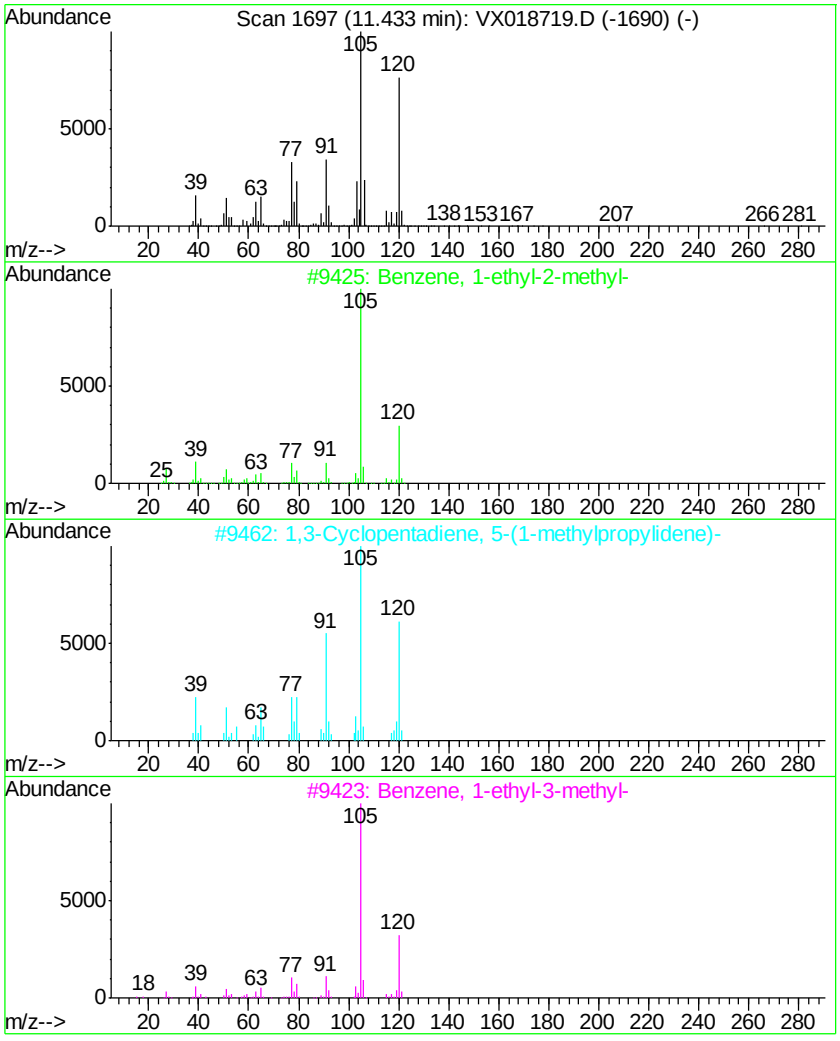
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

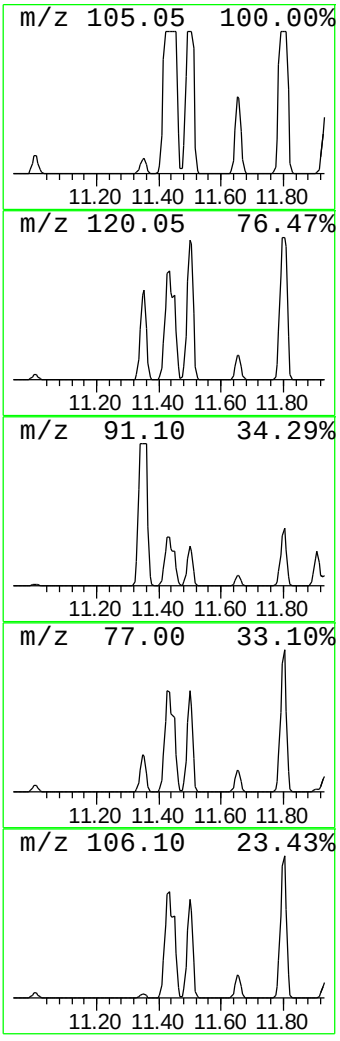
****

Peak Number 9 1,3-Cyclopentadiene, 5-(1-m... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	61.70 ug/L	86870400	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
2	1,3-Cyclopentadiene, 5-(1-methyl...	120	C9H12	003141-02-4	87
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

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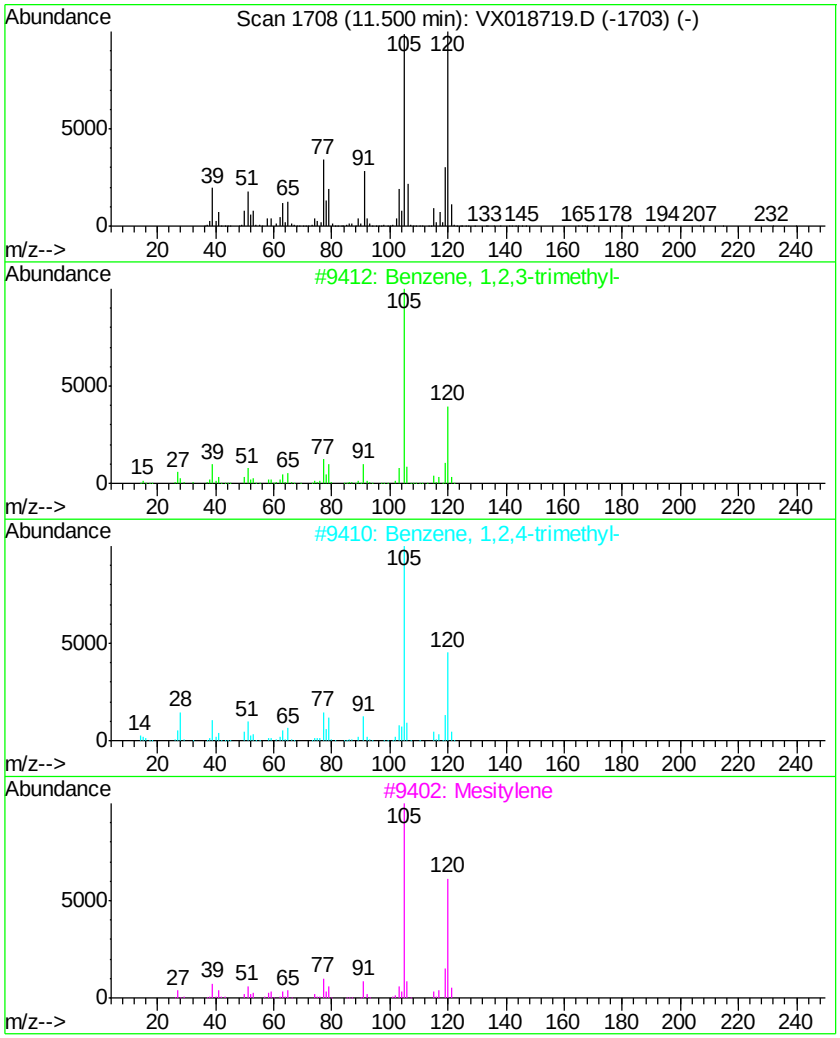
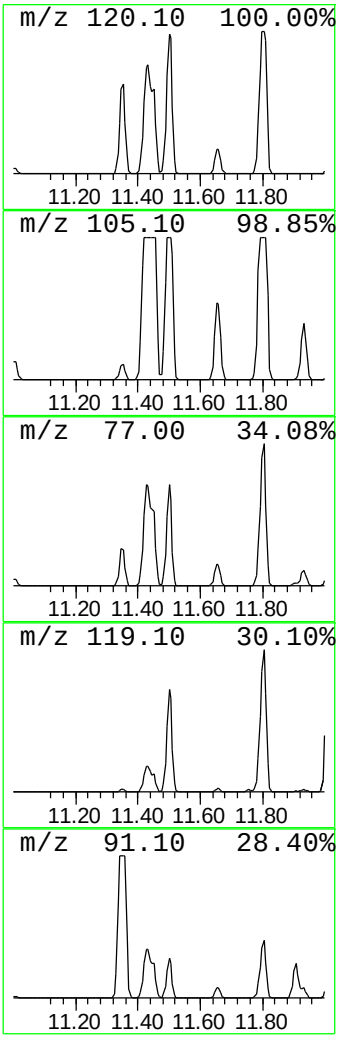
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	47.46 ug/L	66819800	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Mesitylene	120	C9H12	000108-67-8	87
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

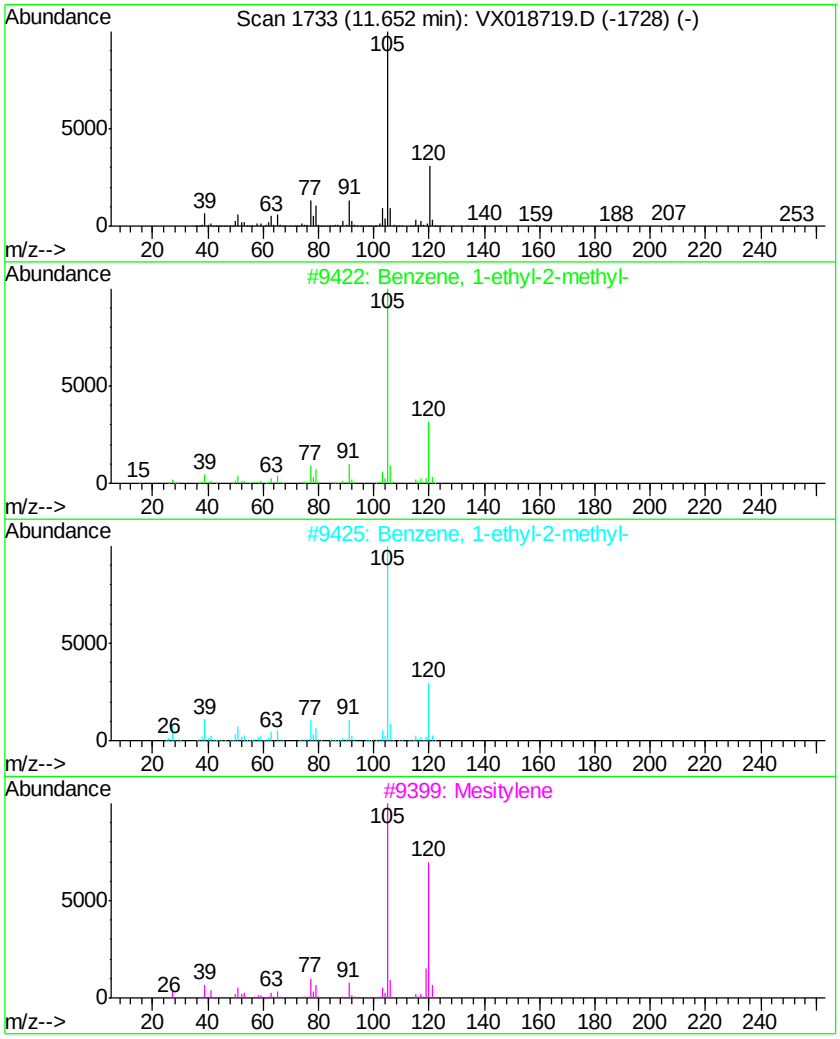
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

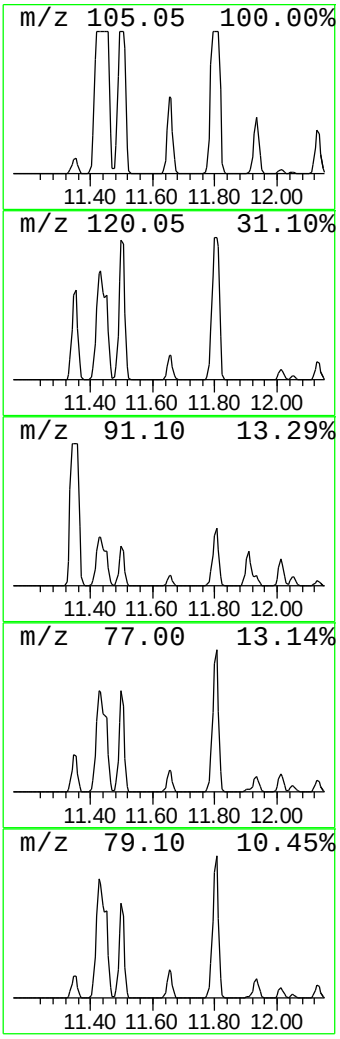
****

Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	10.73 ug/L	15114100	1,4-Dichlorobenzene-d4	12.07

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-2-methyl-	120	C9H12	000611-14-3	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

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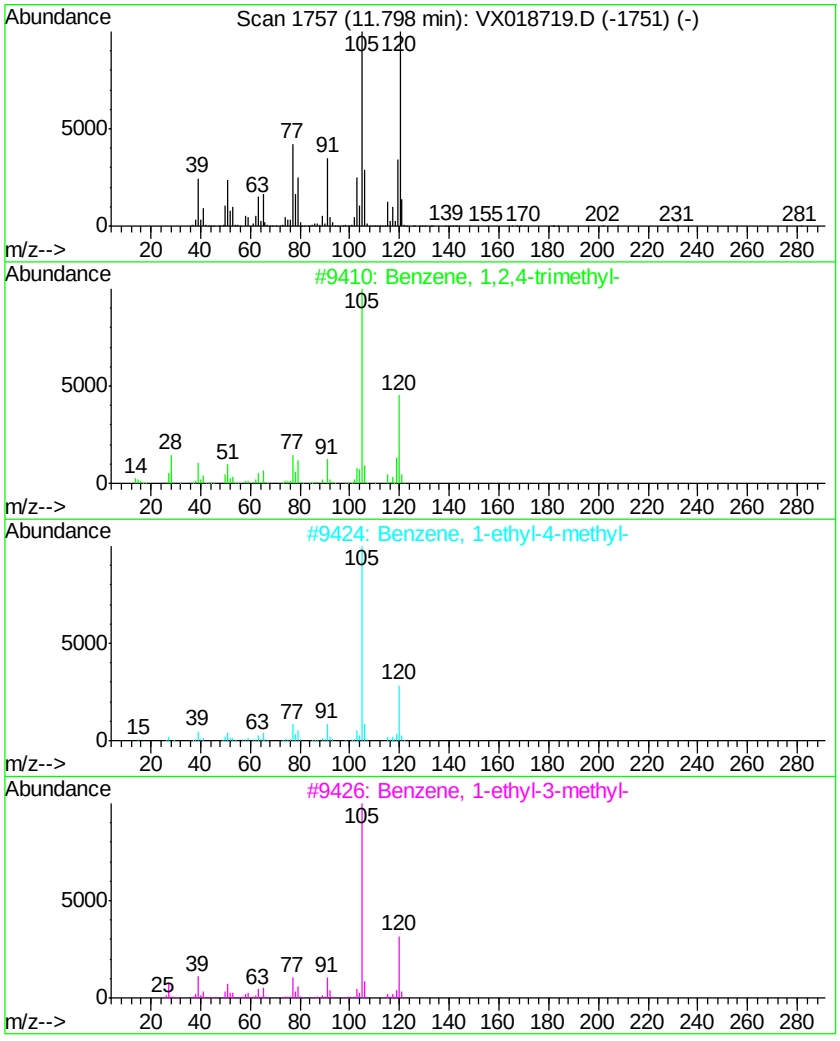
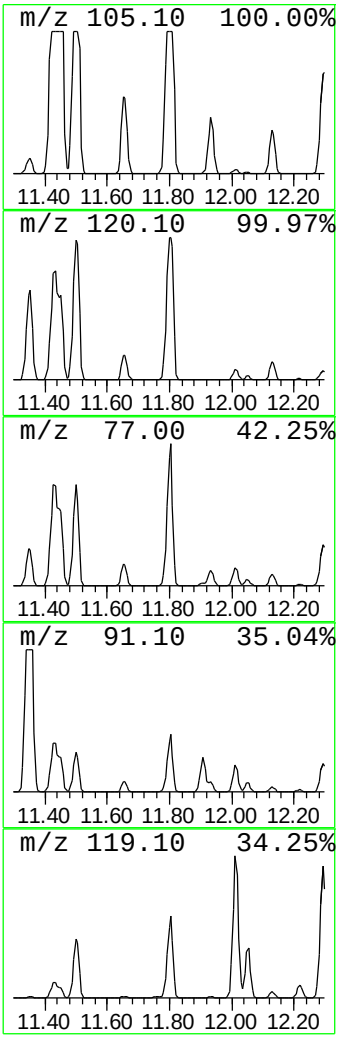
Peak Number 12 Benzene, 1,2,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	67.91 ug/L	95622600	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	68
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
4	Cyclohexane, 1,2,4-tris(methylene)-	120	C9H12	014296-81-2	64
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

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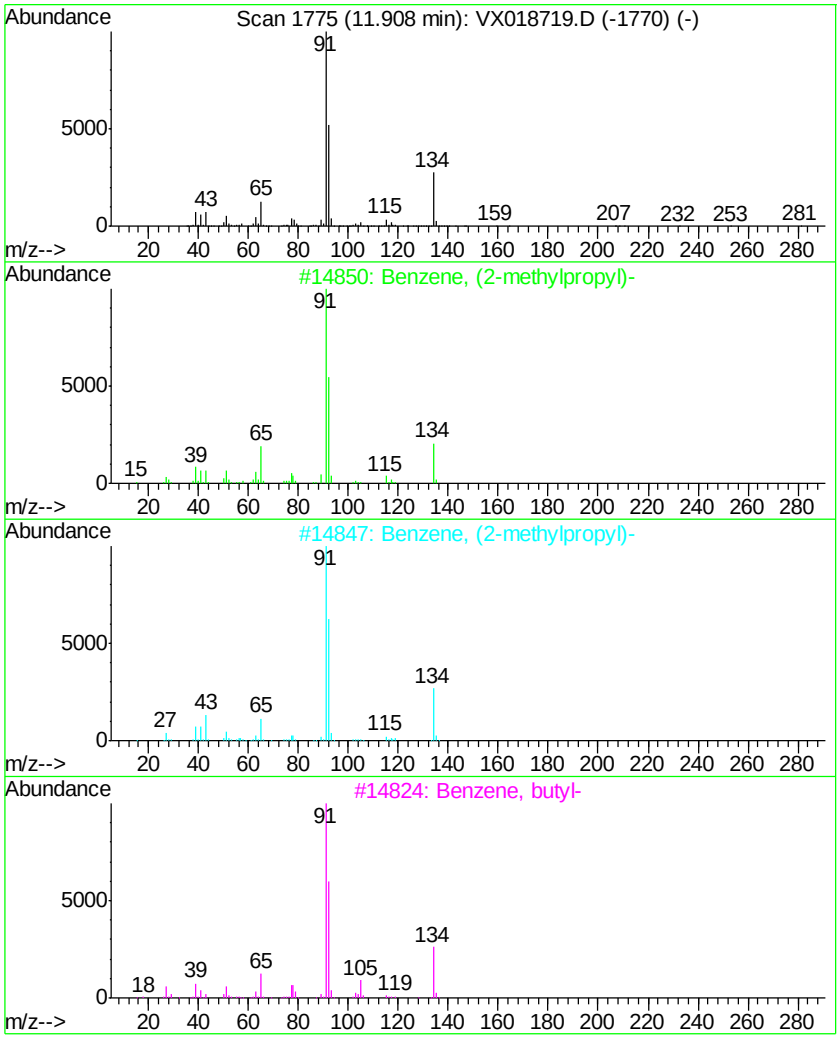
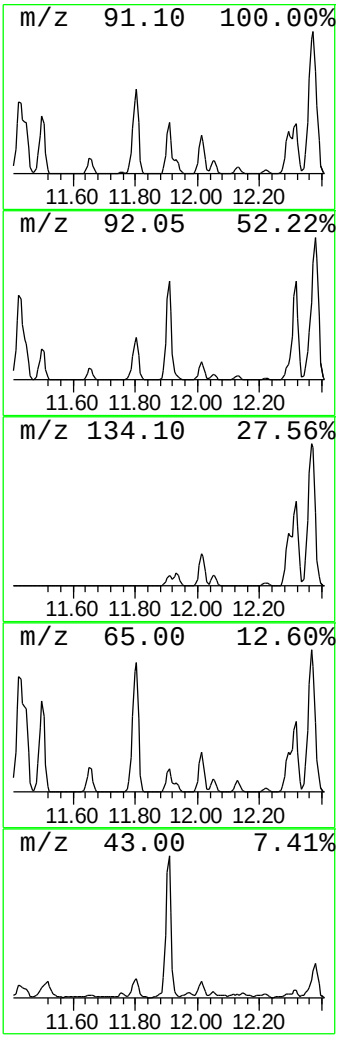
Peak Number 13 Benzene, (2-methylpropyl)- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	5.30 ug/L	7463990	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	91
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
3	Benzene, butyl-	134	C10H14	000104-51-8	86
4	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	81
5	Benzene, butyl-	134	C10H14	000104-51-8	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

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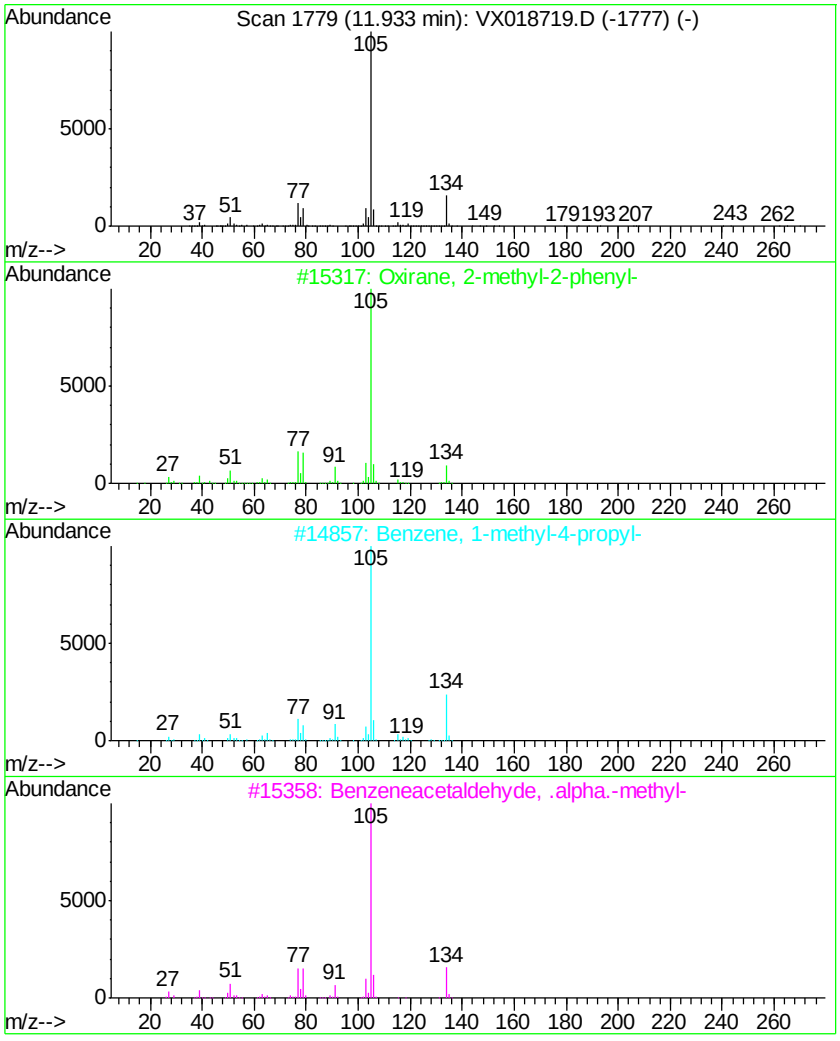
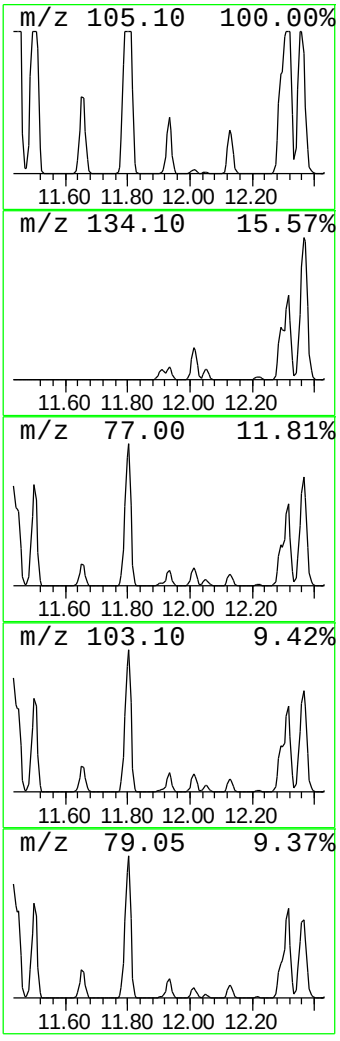
Peak Number 14 Oxirane, 2-methyl-2-phenyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	5.82 ug/L	8192620	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	91
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	83
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	78
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	78
5	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

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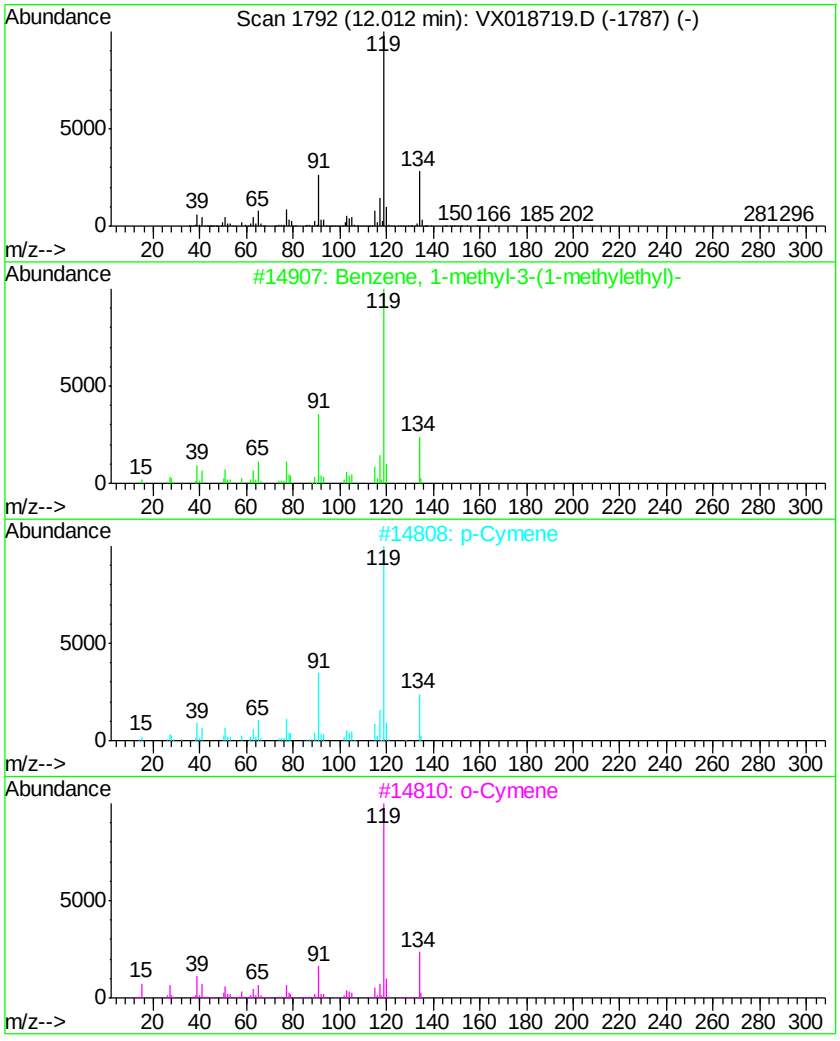
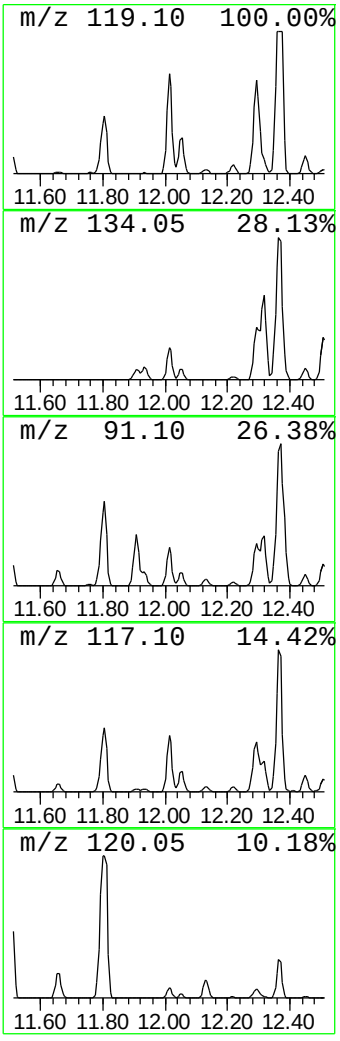
Peak Number 15 Benzene, 1-methyl-3-(1-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	14.57 ug/L	20521800	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	p-Cymene	134	C10H14	000099-87-6	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	p-Cymene	134	C10H14	000099-87-6	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

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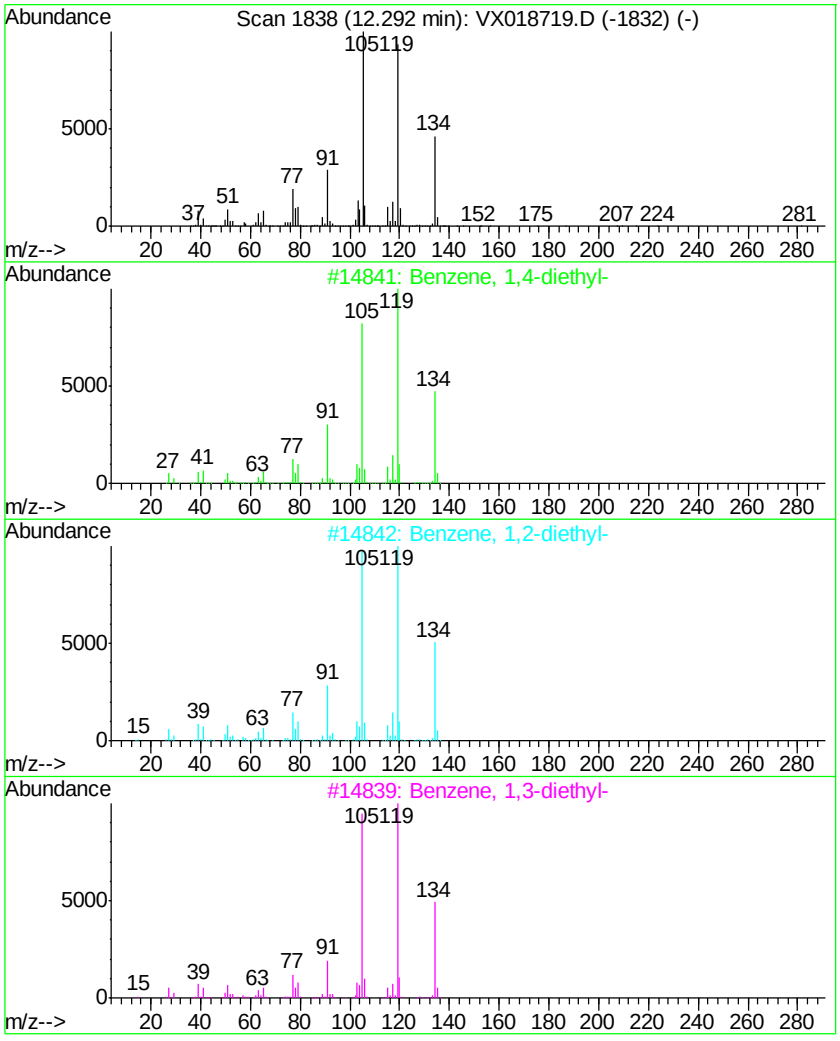
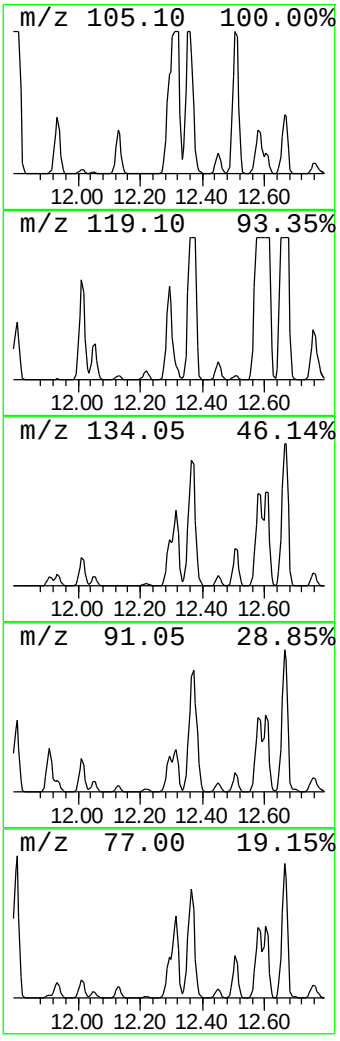
Peak Number 16 Benzene, 1,4-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	22.40 ug/L	31533700	1,4-Dichlorobenzene-d4	12.07

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, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

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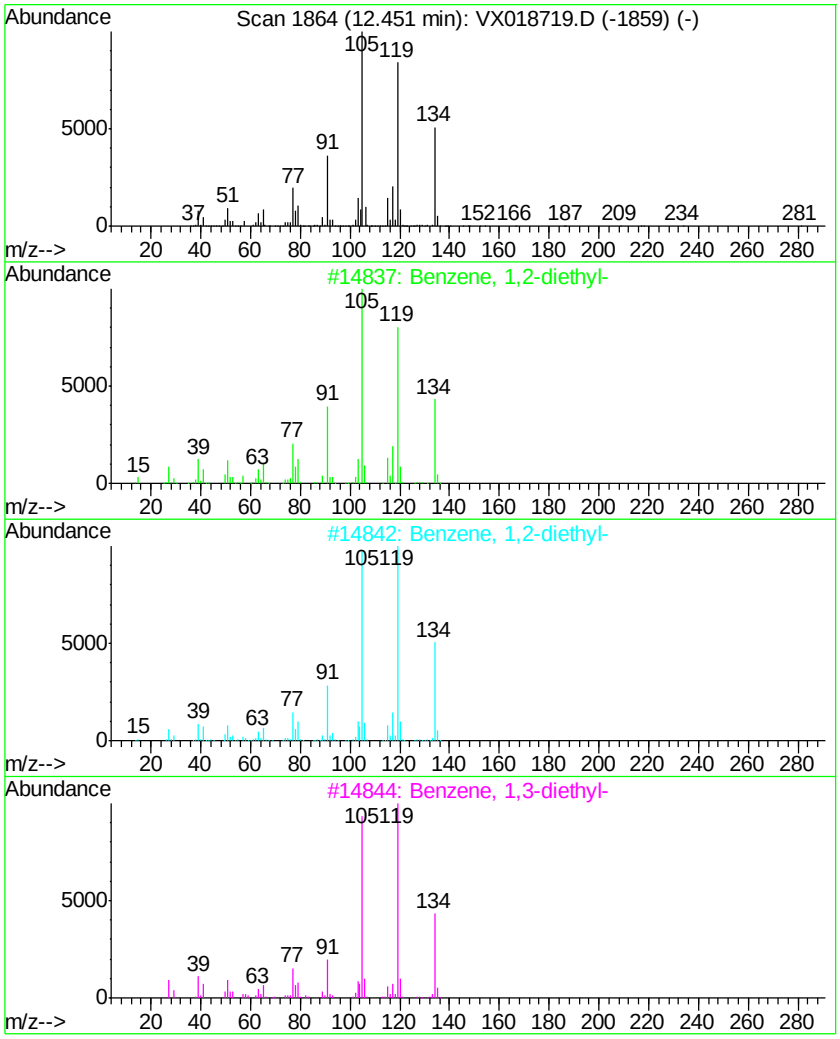
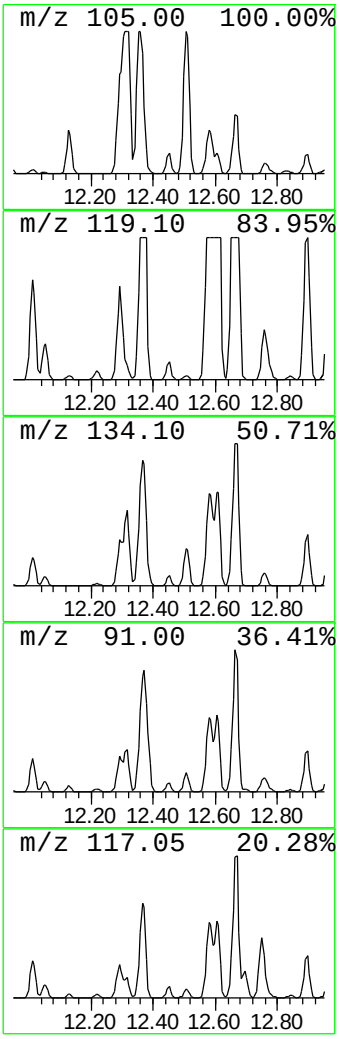
Peak Number 17 Benzene, 1,2-diethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	4.82 ug/L	6791360	1,4-Dichlorobenzene-d4	12.07

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, 1,3-diethyl-	134	C10H14	000141-93-5	87
4	o-Cymene	134	C10H14	000527-84-4	76
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

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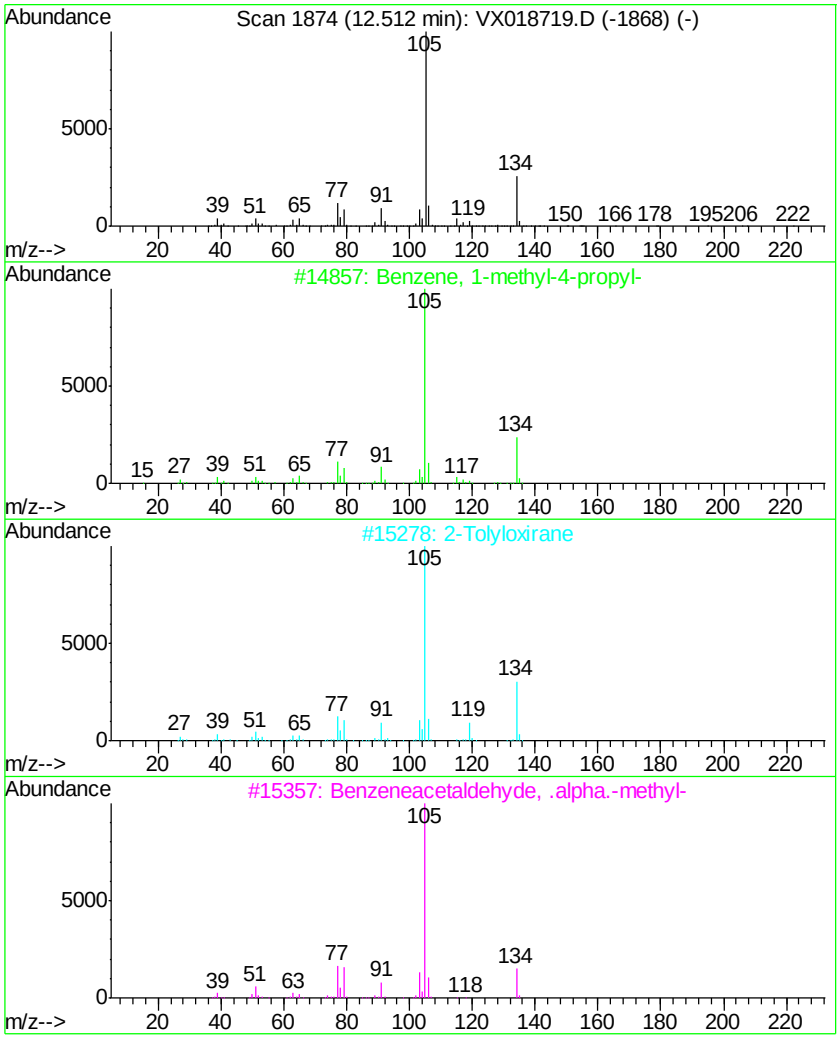
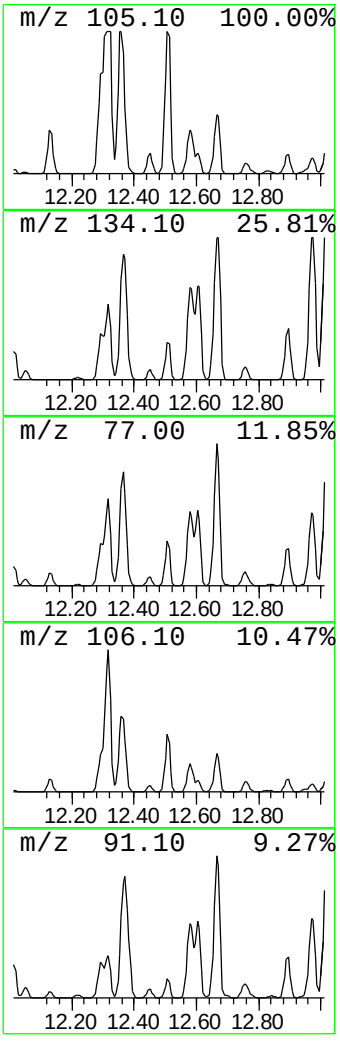
Peak Number 18 Benzene, 1-methyl-4-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	18.42 ug/L	25939900	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	2-Tolyloxirane	134	C9H10O	002783-26-8	91
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	91
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	91
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

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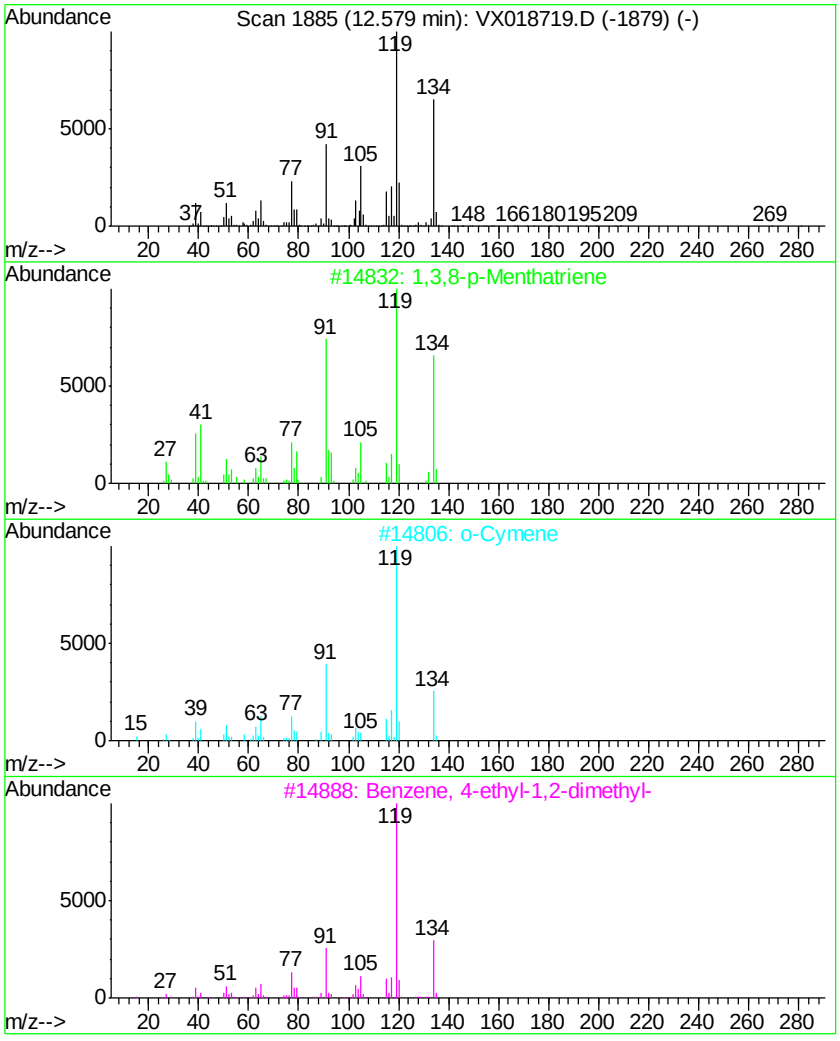
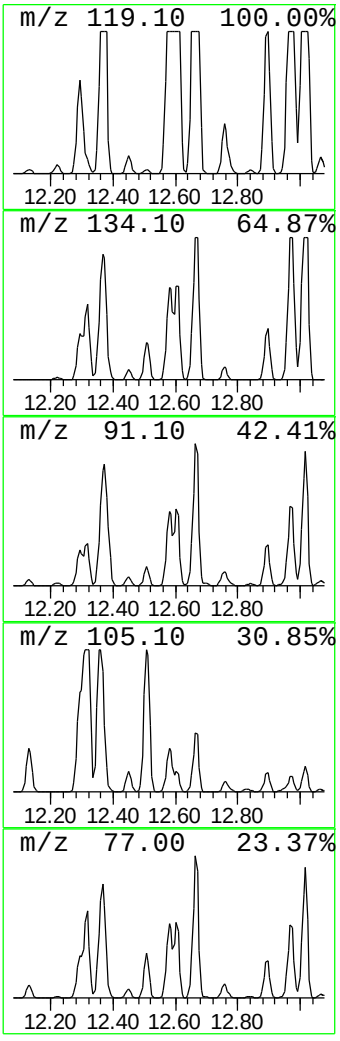
Peak Number 19 1,3,8-p-Menthatriene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	47.97 ug/L	67543900	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	87
2	o-Cymene	134	C10H14	000527-84-4	74
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	62
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

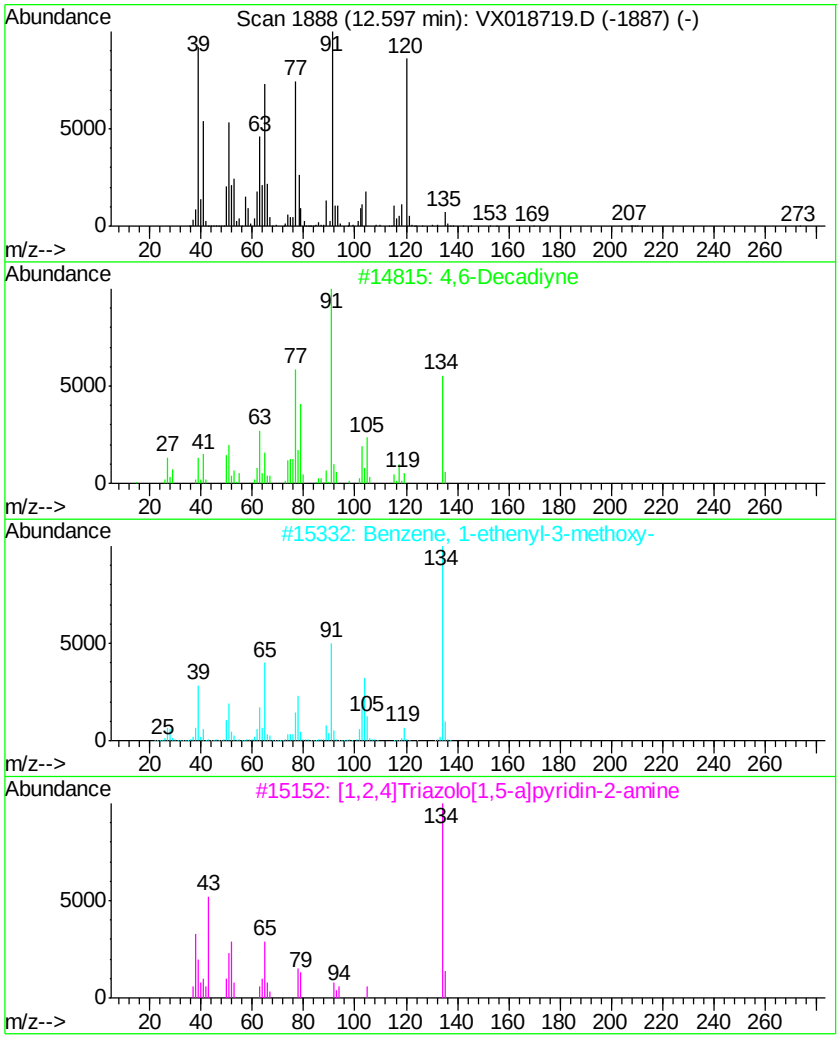
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

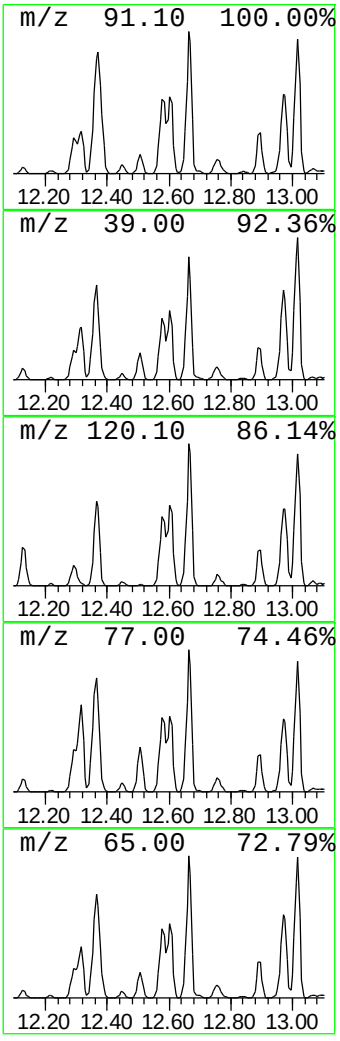
****

Peak Number 20 4,6-Decadiyne Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	39.40 ug/L	55473400	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6-Decadiyne	134	C10H14	016387-71-6	53
2	Benzene, 1-ethenyl-3-methoxy-	134	C9H10O	000626-20-0	38
3	[1,2,4]Triazolo[1,5-a]pyridin-2-...	134	C6H6N4	000874-46-4	38
4	Benzene, 1-ethenyl-4-methoxy-	134	C9H10O	000637-69-4	38
5	2-(1-Cyclopentenyl)furan	134	C9H10O	115754-78-4	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

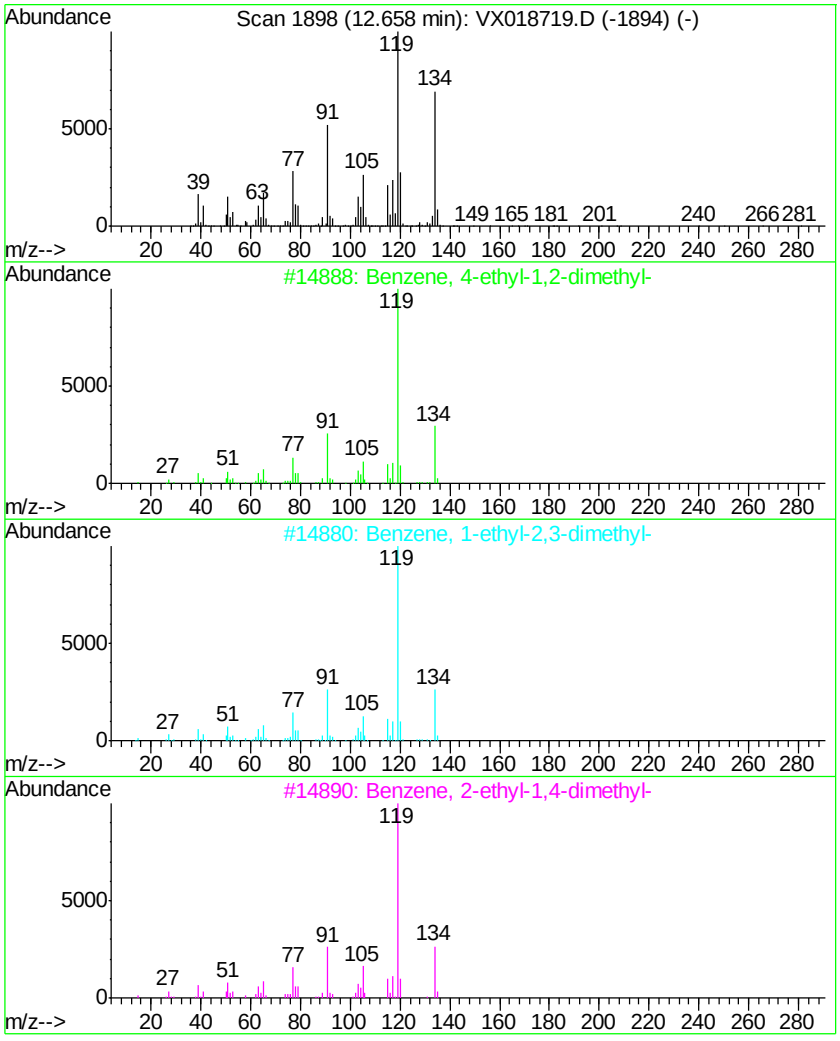
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

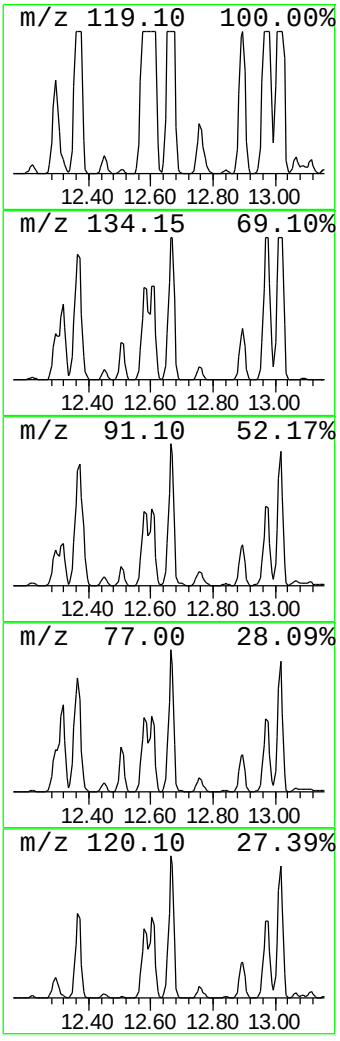
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	76.09 ug/L	107138000	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	92
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70
5	o-Cymene	134	C10H14	000527-84-4	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

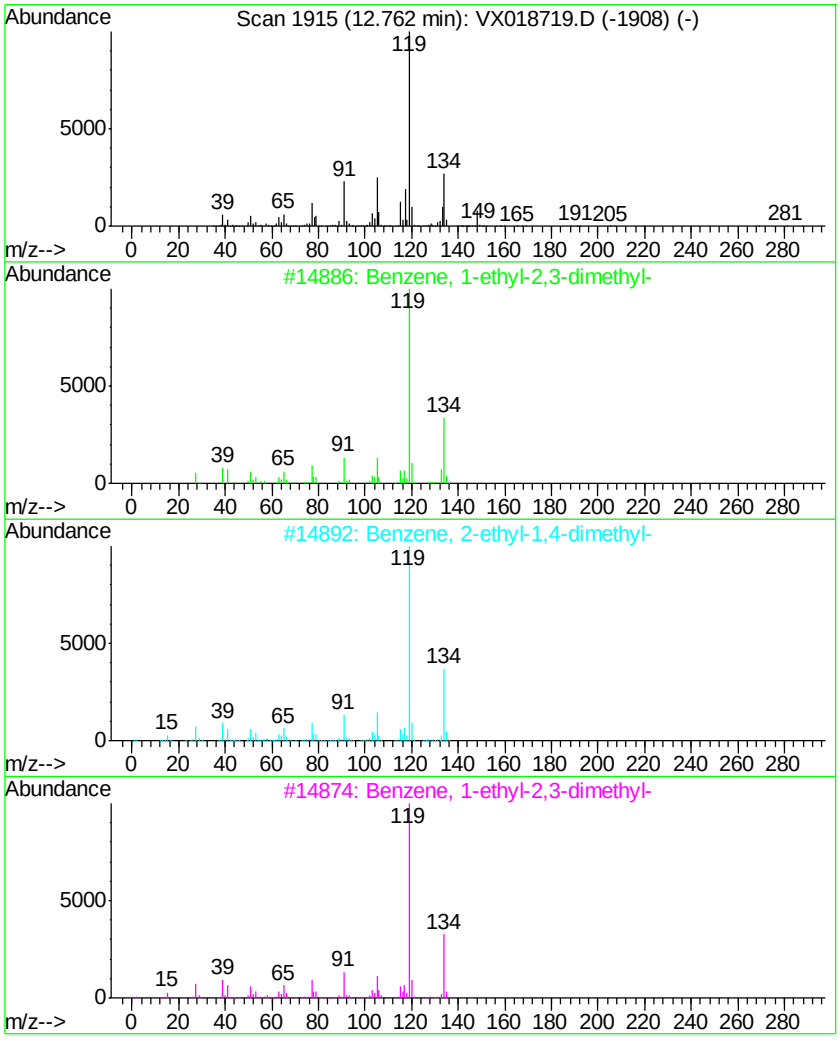
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

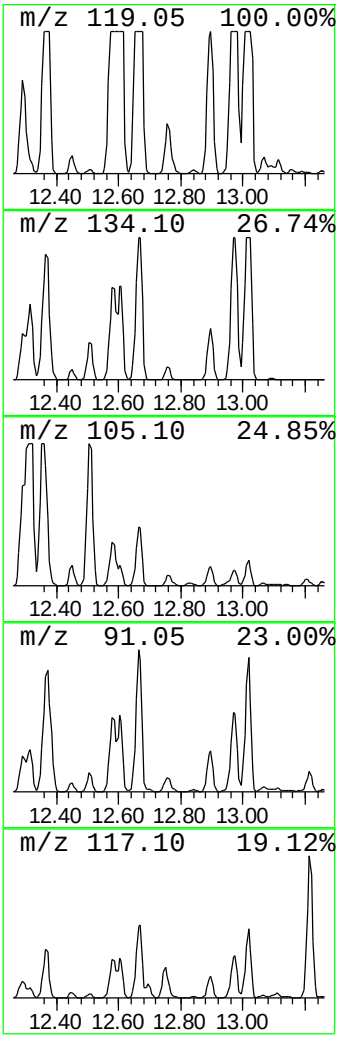
****

Peak Number 22 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	11.97 ug/L	16854400	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

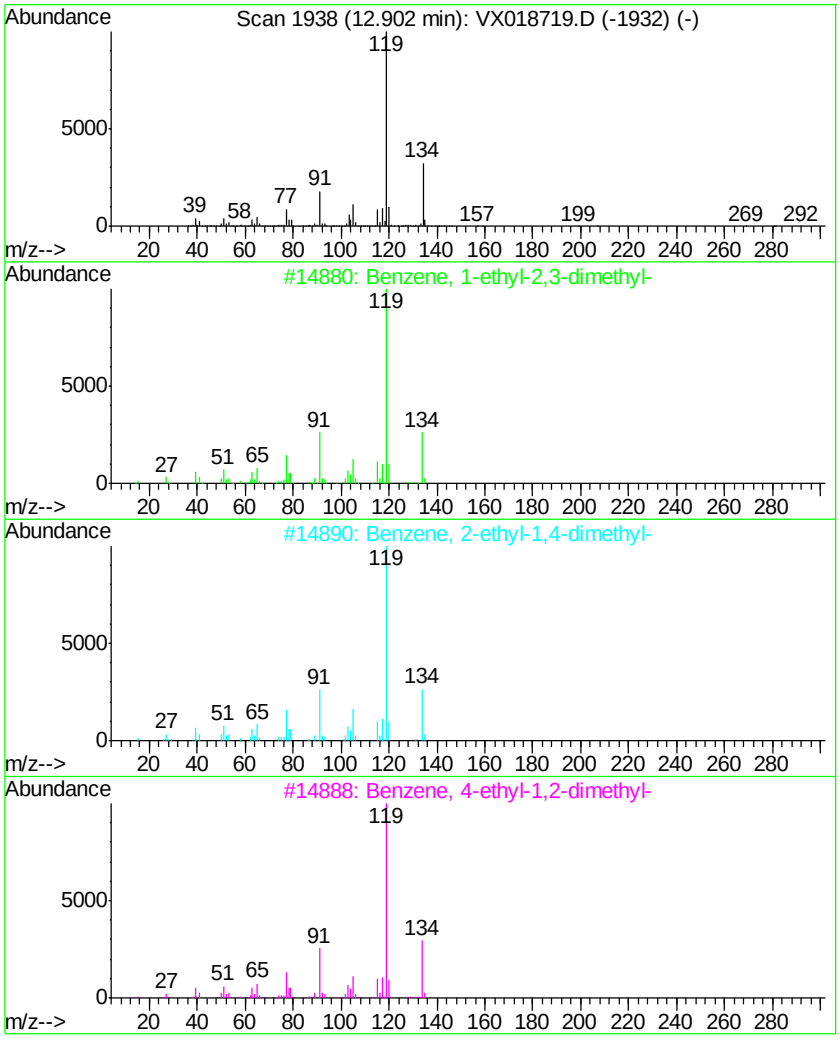
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

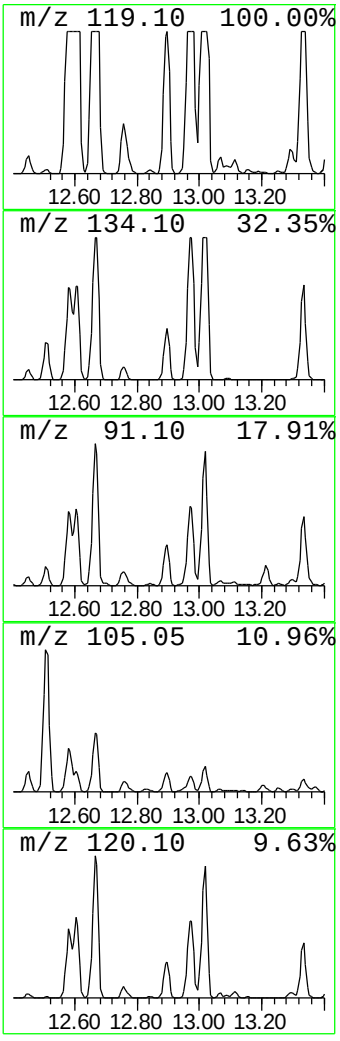
****

Peak Number 23 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	24.11 ug/L	33948300	1,4-Dichlorobenzene-d4	12.07

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

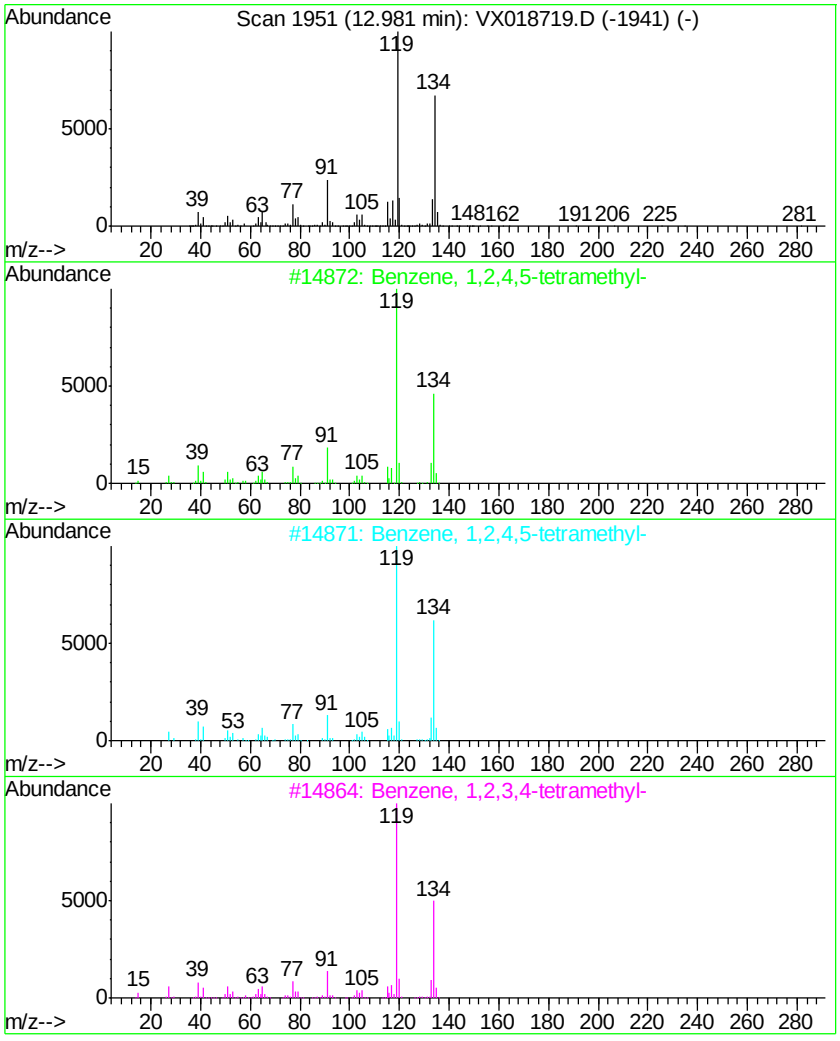
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

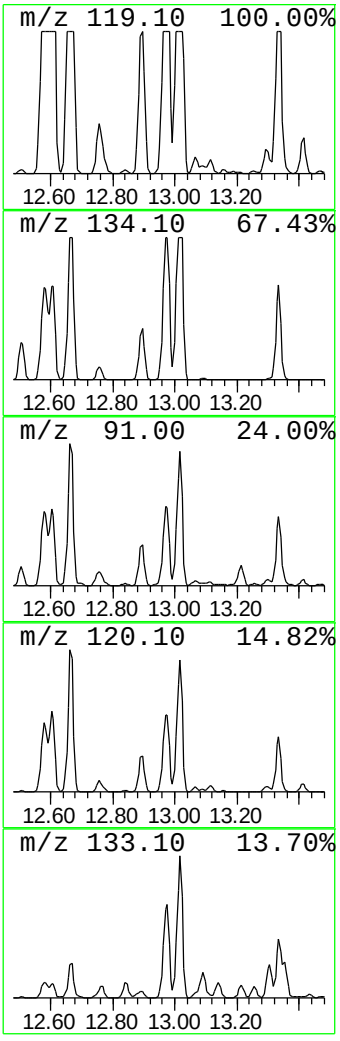
****

Peak Number 24 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	55.99 ug/L	78841500	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	78
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	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

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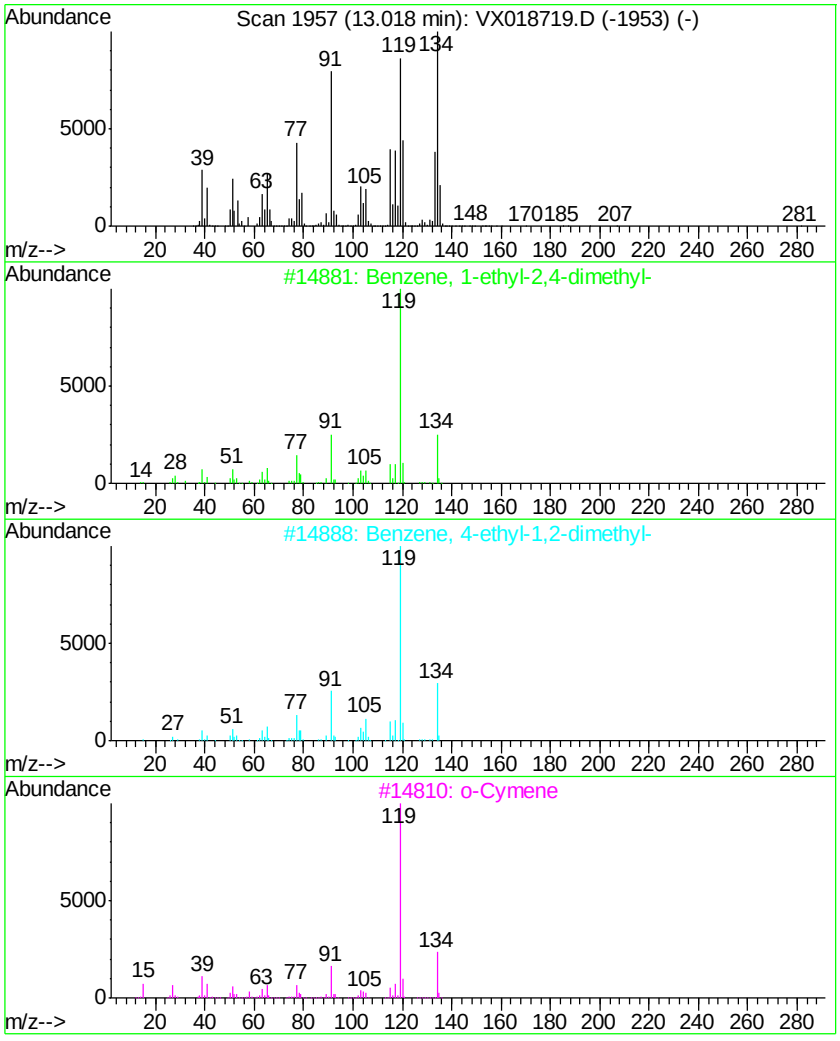
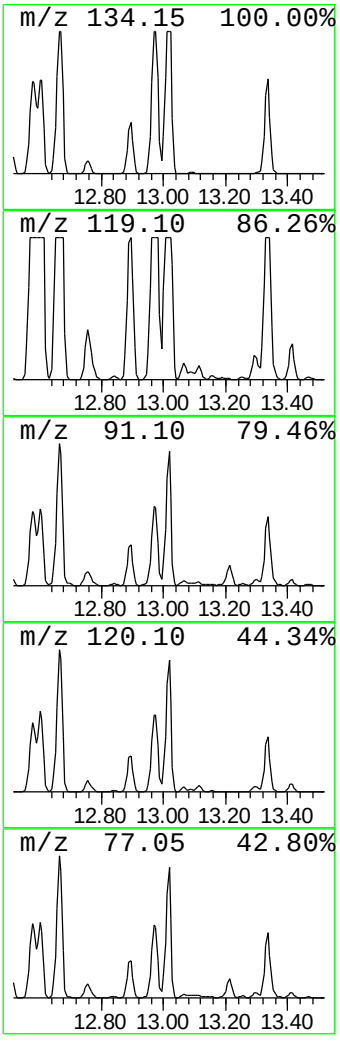
Peak Number 25 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	74.05 ug/L	104264000	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	60
3	o-Cymene	134	C10H14	000527-84-4	53
4	o-Cymene	134	C10H14	000527-84-4	53
5	p-Cymene	134	C10H14	000099-87-6	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

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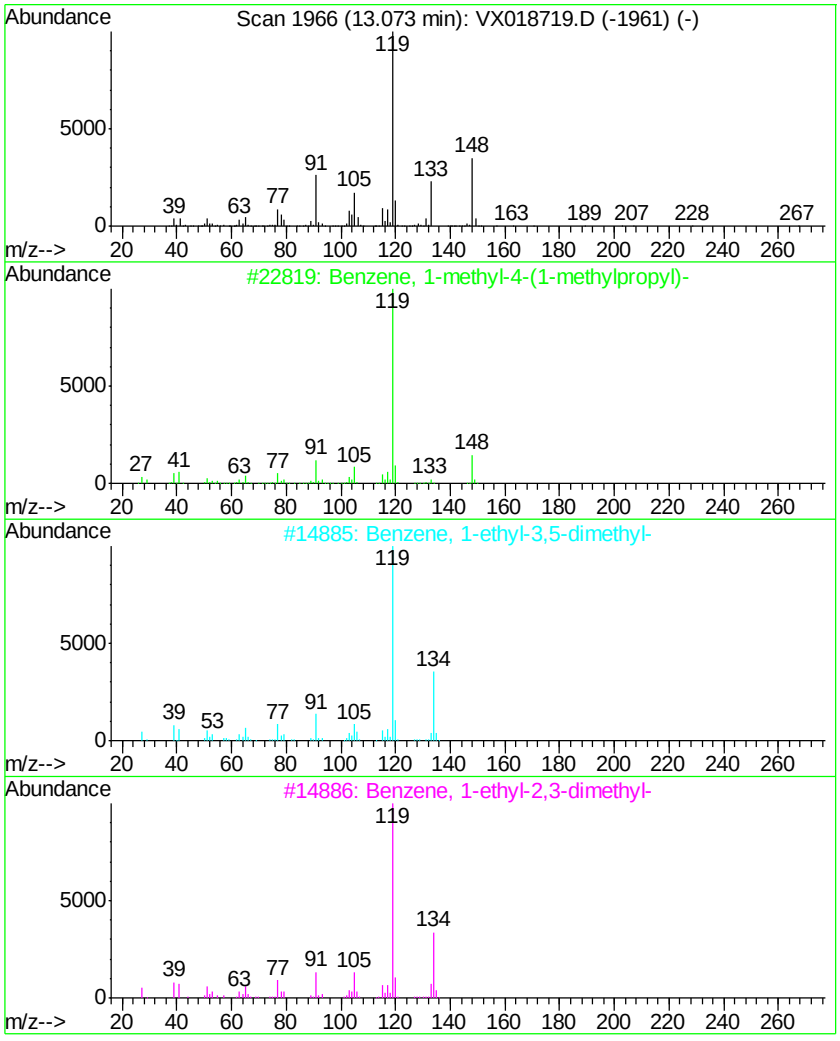
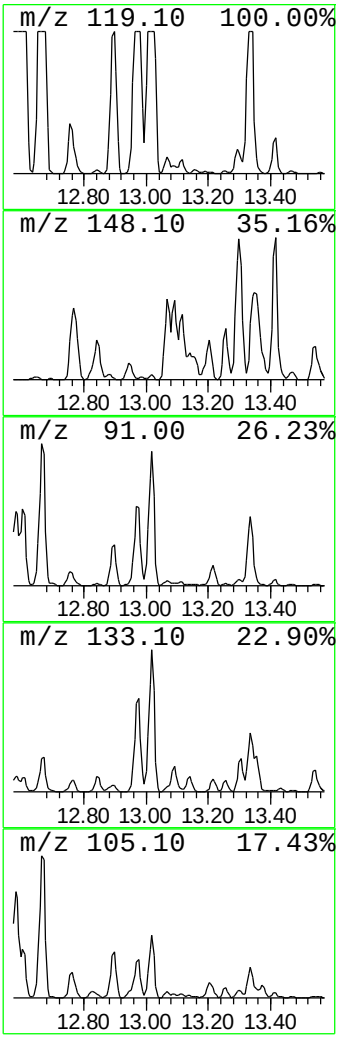
Peak Number 26 Benzene, 1-methyl-4-(1-meth... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	2.54 ug/L	3581950	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	90
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

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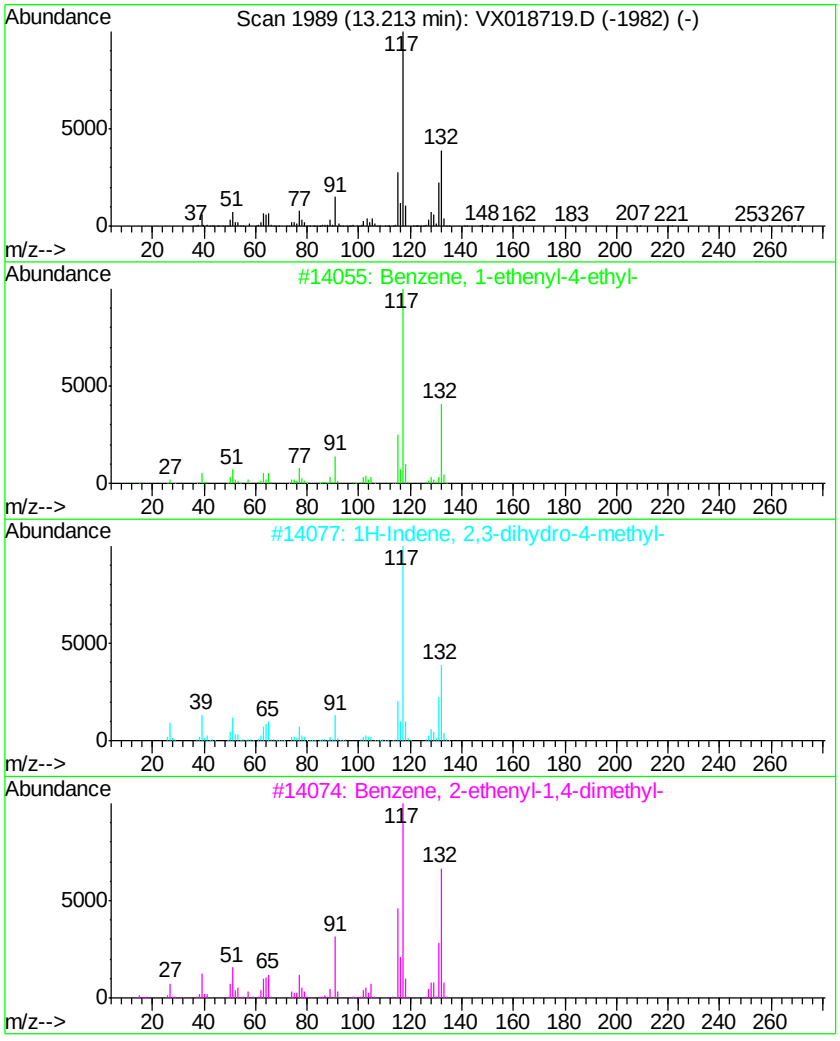
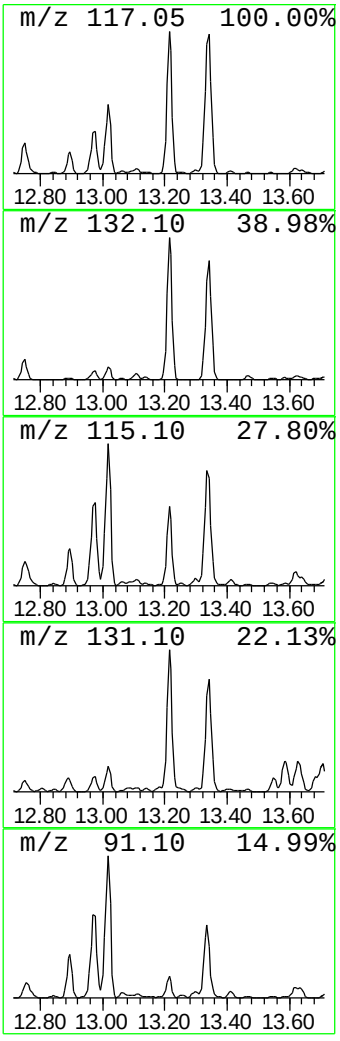
Peak Number 27 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	18.60 ug/L	26196000	1,4-Dichlorobenzene-d4	12.07

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-4-methyl-	132	C10H12	000824-22-6	94
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

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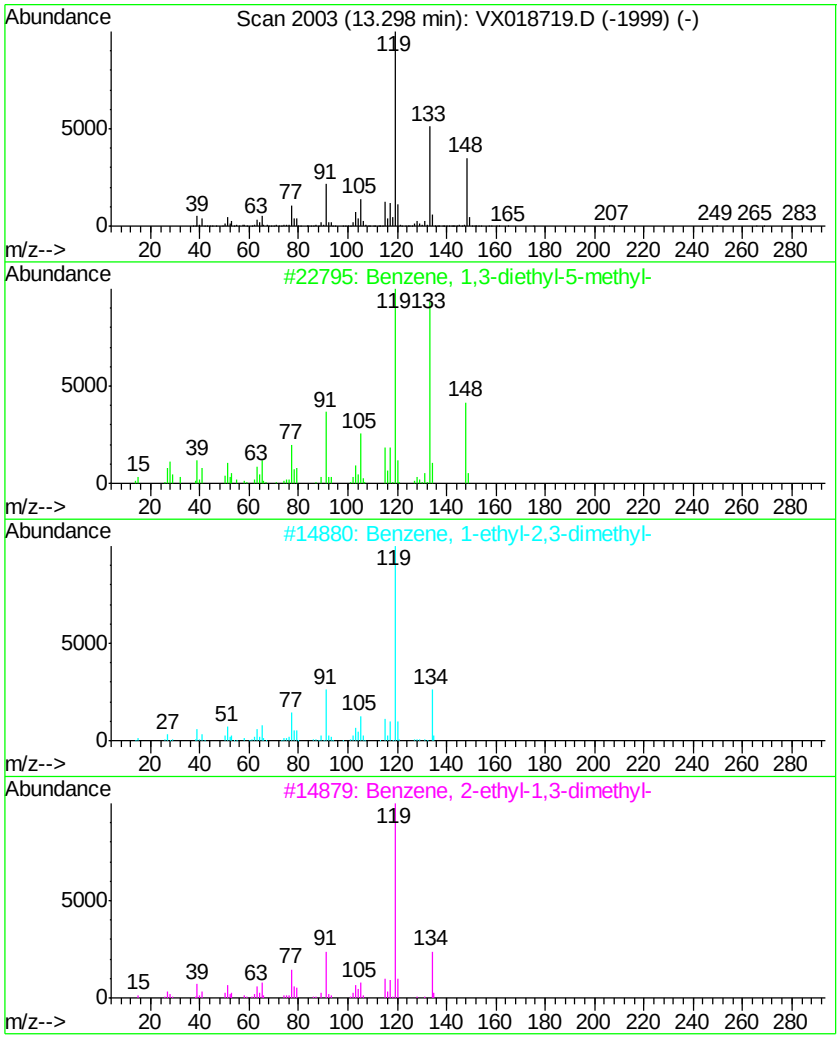
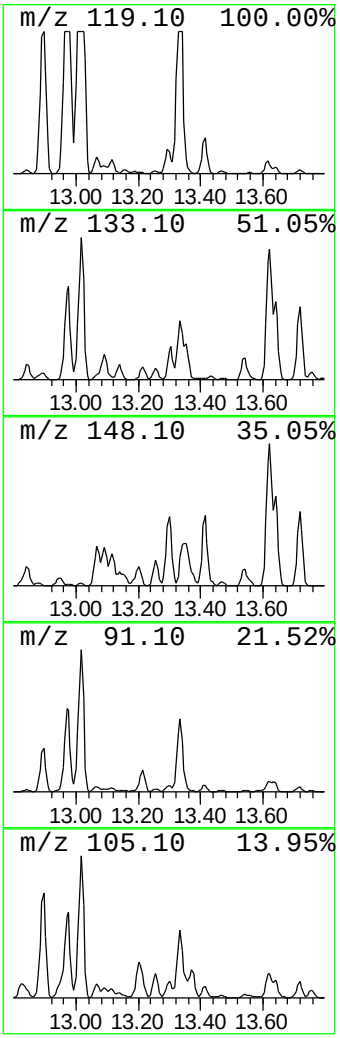
Peak Number 28 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	4.47 ug/L	6298550	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	58
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

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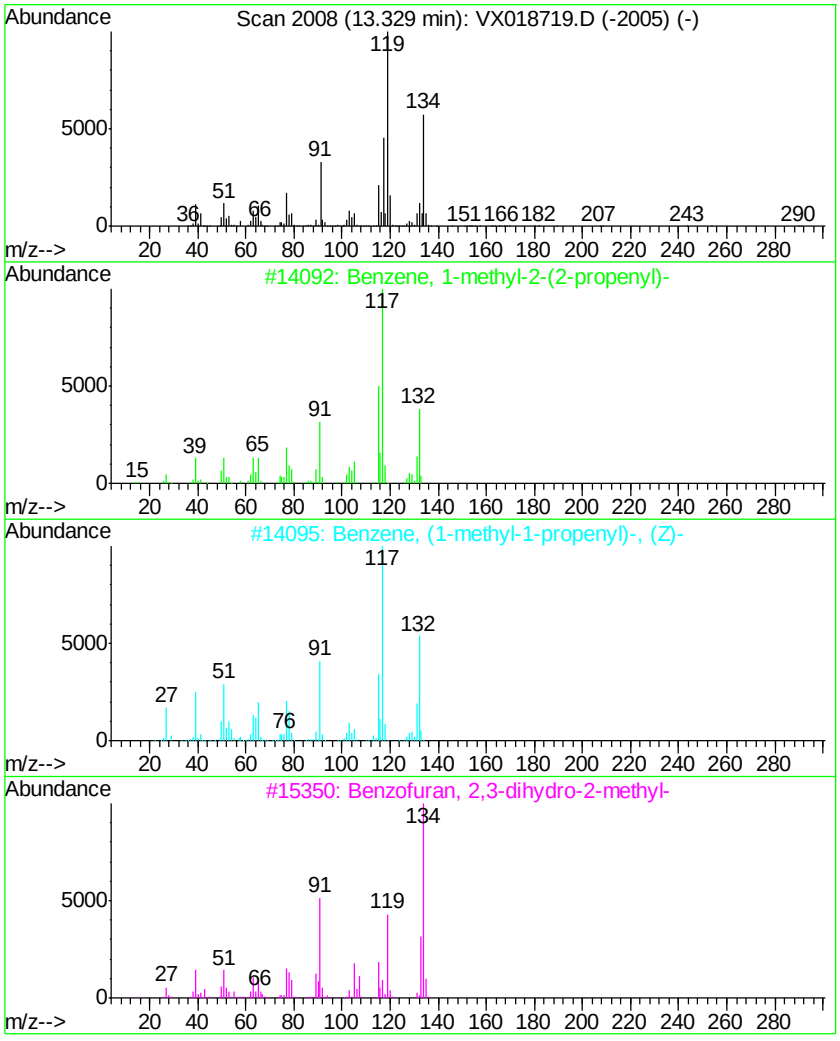
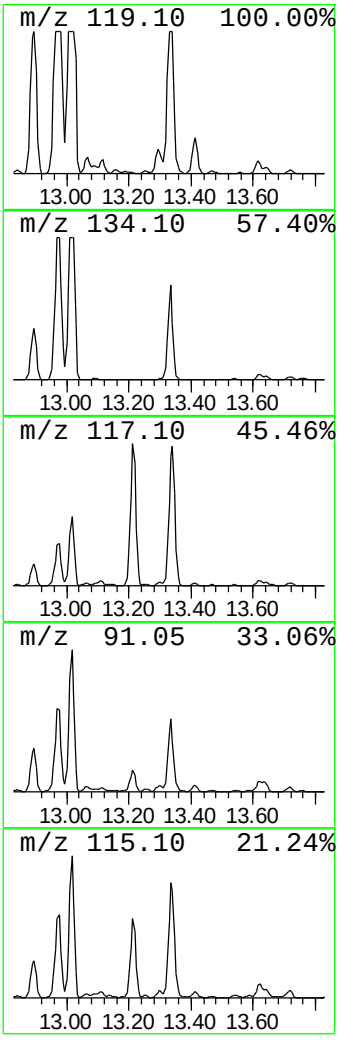
Peak Number 29 Benzene, 1-methyl-2-(2-prop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	51.12 ug/L	71976600	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	64
3	Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	55
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	55
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

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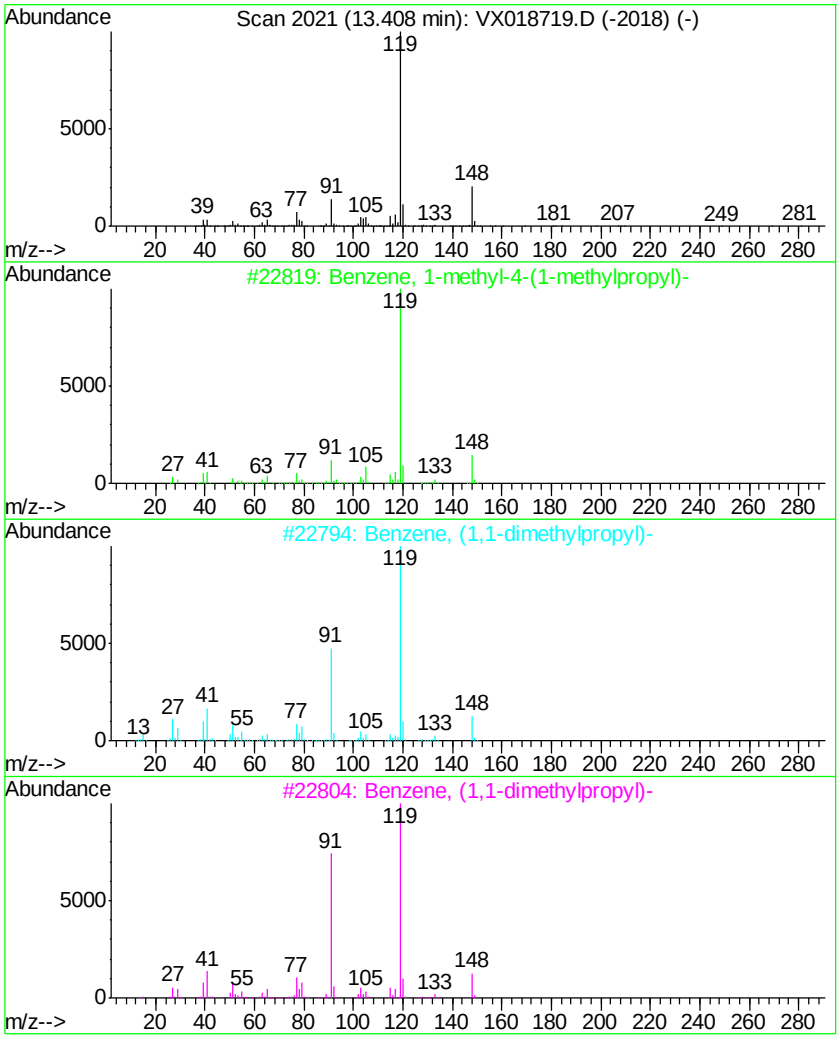
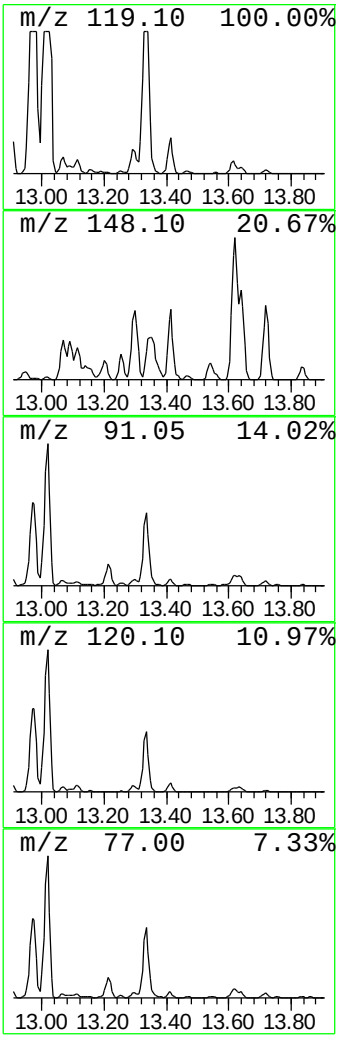
Peak Number 30 Benzene, (1,1-dimethylpropyl)- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	3.79 ug/L	5342070	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	90
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	83
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	83
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	80
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	72





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Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

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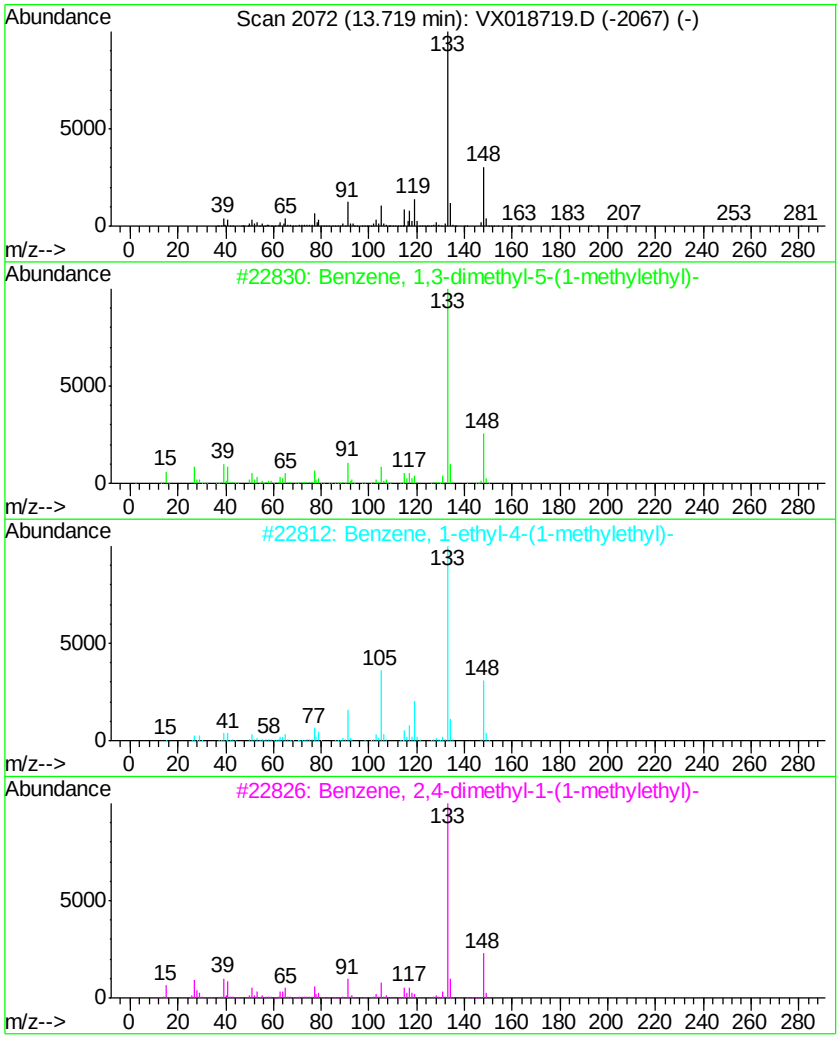
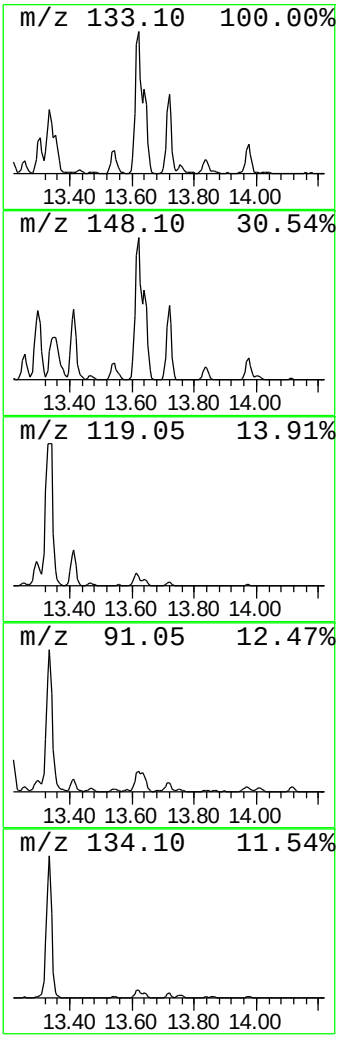
Peak Number 31 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	3.84 ug/L	5410830	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	91
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	90
3	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
5	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

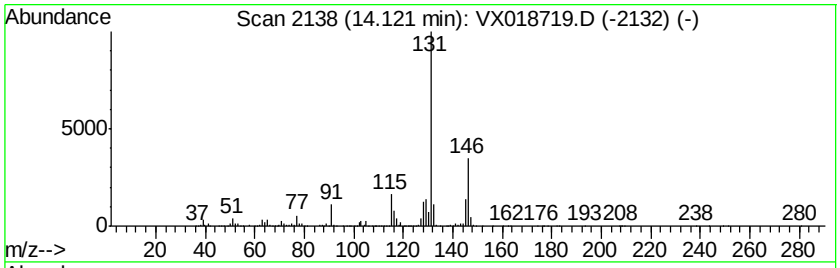
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

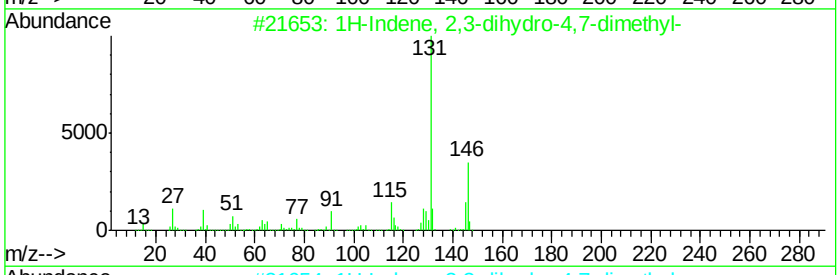
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

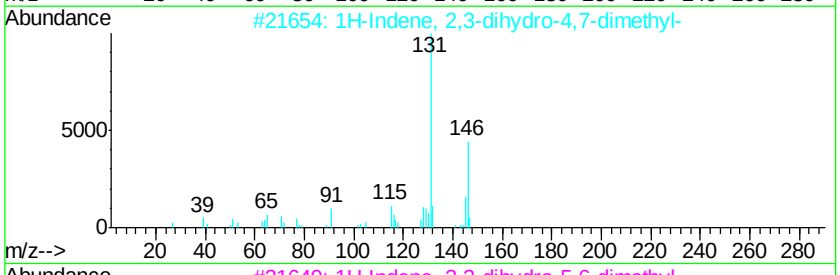
****
Peak Number 32 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 30

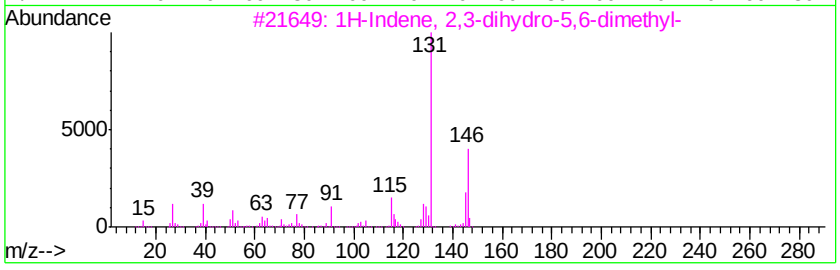
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	2.68 ug/L	3770730	1,4-Dichlorobenzene-d4	12.07

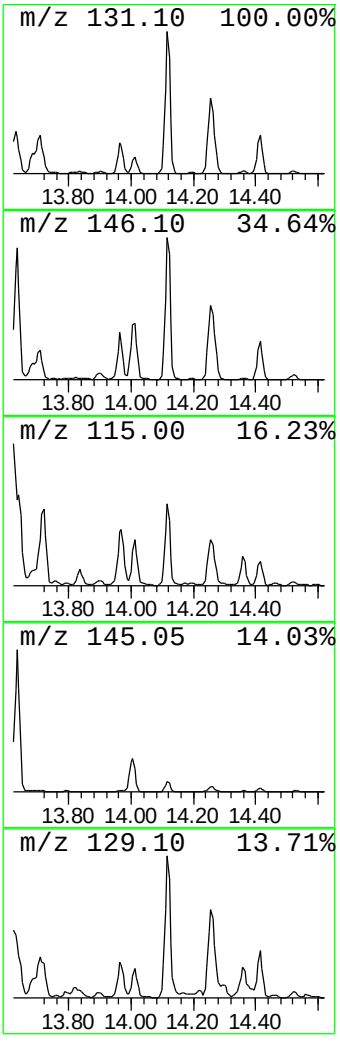
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91











Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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

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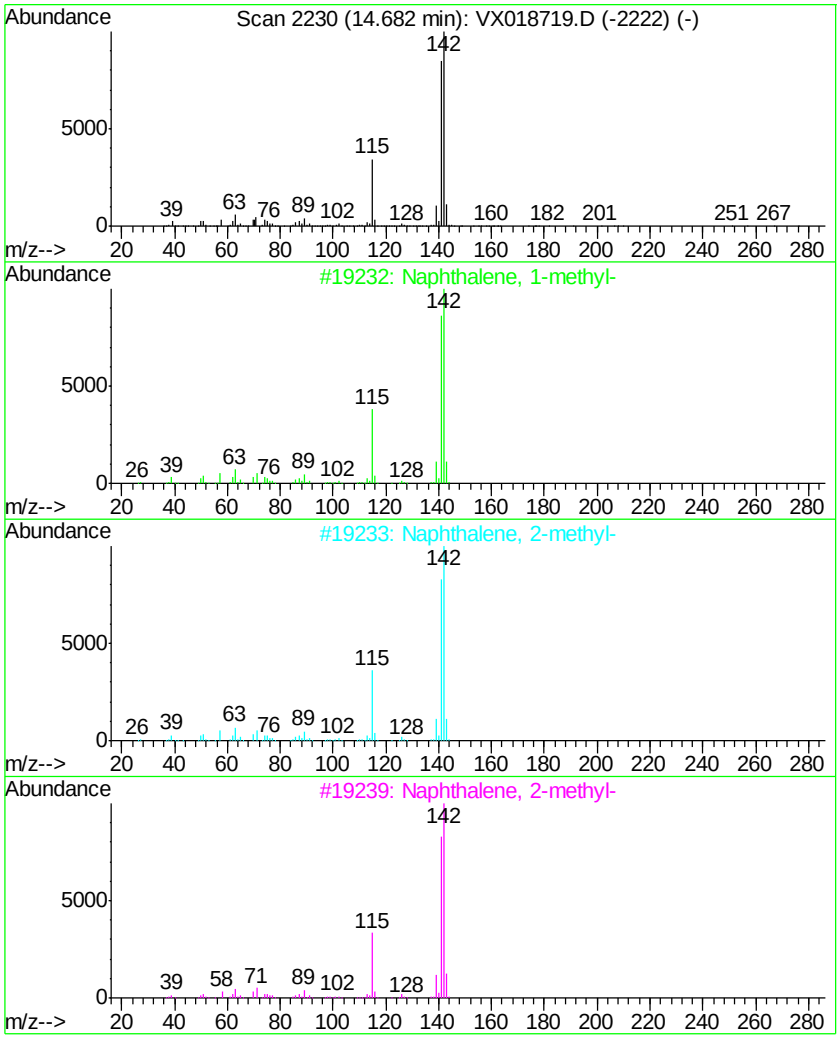
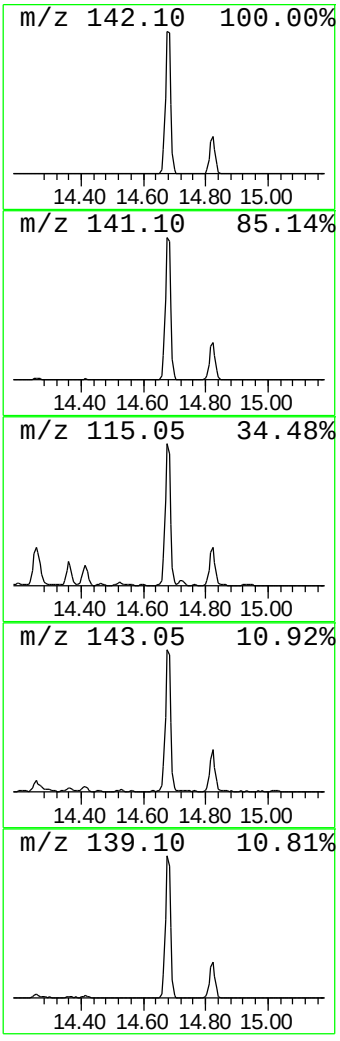
Peak Number 33 Naphthalene, 1-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	3.08 ug/L	4330600	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018719.D
Acq On : 01 Oct 2020 00:03
Operator : JC/SP
Sample : L4171-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0

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...	2.83	3.7	ug/L	15170800	1	6.83	20460400	5.0
(DEL) Alkane: Str...	2.88	32.5	ug/L	133022000	1	6.83	20460400	5.0
unknown-01	3.18	62.6	ug/L	256101000	1	6.83	20460400	5.0
(DEL) Alkane: Str...	3.55	83.9	ug/L	343426000	1	6.83	20460400	5.0
(DEL) Alkane: Str...	4.12	2.6	ug/L	10747600	1	6.83	20460400	5.0
(DEL) Alkane: Str...	4.29	1.8	ug/L	7483030	1	6.83	20460400	5.0
(DEL) Alkane: Cyc...	4.38	5.0	ug/L	20460400	1	6.83	20460400	5.0
Benzene, propyl-	11.35	39.5	ug/L	55583400	3	12.07	7040150	5.0
1,3-Cyclopentadie...	11.43	61.7	ug/L	86870400	3	12.07	7040150	5.0
Benzene, 1,2,3-tr...	11.50	47.5	ug/L	66819800	3	12.07	7040150	5.0
Benzene, 1-ethyl-...	11.65	10.7	ug/L	15114100	3	12.07	7040150	5.0
Benzene, 1,2,4-tr...	11.80	67.9	ug/L	95622600	3	12.07	7040150	5.0
Benzene, (2-methy...	11.91	5.3	ug/L	7463990	3	12.07	7040150	5.0
Oxirane, 2-methyl...	11.93	5.8	ug/L	8192620	3	12.07	7040150	5.0
Benzene, 1-methyl...	12.01	14.6	ug/L	20521800	3	12.07	7040150	5.0
Benzene, 1,4-diet...	12.29	22.4	ug/L	31533700	3	12.07	7040150	5.0
Benzene, 1,2-diet...	12.45	4.8	ug/L	6791360	3	12.07	7040150	5.0
Benzene, 1-methyl...	12.51	18.4	ug/L	25939900	3	12.07	7040150	5.0
1,3,8-p-Menthatriene	12.58	48.0	ug/L	67543900	3	12.07	7040150	5.0
4,6-Decadiyne	12.60	39.4	ug/L	55473400	3	12.07	7040150	5.0
Benzene, 4-ethyl-...	12.66	76.1	ug/L	107138000	3	12.07	7040150	5.0
Benzene, 1-ethyl-...	12.76	12.0	ug/L	16854400	3	12.07	7040150	5.0
Benzene, 2-ethyl-...	12.90	24.1	ug/L	33948300	3	12.07	7040150	5.0
Benzene, 1,2,4,5-...	12.98	56.0	ug/L	78841500	3	12.07	7040150	5.0
Benzene, 1-ethyl-...	13.02	74.0	ug/L	104264000	3	12.07	7040150	5.0
Benzene, 1-methyl...	13.07	2.5	ug/L	3581950	3	12.07	7040150	5.0
Benzene, 1-etheny...	13.21	18.6	ug/L	26196000	3	12.07	7040150	5.0
Benzene, 1,3-diet...	13.30	4.5	ug/L	6298550	3	12.07	7040150	5.0
Benzene, 1-methyl...	13.33	51.1	ug/L	71976600	3	12.07	7040150	5.0
Benzene, (1,1-dim...	13.41	3.8	ug/L	5342070	3	12.07	7040150	5.0
Benzene, 1,3-dime...	13.72	3.8	ug/L	5410830	3	12.07	7040150	5.0
1H-Indene, 2,3-di...	14.12	2.7	ug/L	3770730	3	12.07	7040150	5.0
Naphthalene, 1-me...	14.68	3.1	ug/L	4330600	3	12.07	7040150	5.0