LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

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\SOMXTR100220WMA.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	1.386	45	49	57	rVB	92912	94897	3.10%	0.240%
2	1.697	96	100	106	rVB	72077	83419	2.73%	0.211%
3	2.343	200	206	214	rBV	182105	285375	9.33%	0.720%
4	2.825	278	285	286	rBV2	50823	77363	2.53%	0.195%
5	2.867	287	292	304	rVB	348486	722818	23.63%	1.825%
6	3.154	328	339	352	rBV	738079	1681570	54.97%	4.245%
7	3.501	386	396	409	rBV	1024303	2299720	75.18%	5.806%
8	4.117	487	497	509	rVB	38418	117408	3.84%	0.296%
9	4.282	512	524	532	rBV3	31173	101536	3.32%	0.256%
10	4.373	533	539	548	rVB3	22369	62802	2.05%	0.159%
11	4.550	557	568	582	rBV	72902	279474	9.14%	0.706%
12	5.141	652	665	678	rBV	109625	339001	11.08%	0.856%
13	6.044	801	813	829	rBV2	248756	735847	24.05%	1.858%
14	6.830	932	942	951	rBV	190178	447455	14.63%	1.130%
15	7.373	1021	1031	1040	rBV	153567	338294	11.06%	0.854%
16	8.372	1188	1195	1203	rBV	109256	180160	5.89%	0.455%
17	8.695	1242	1248	1256	rVB	408145	612111	20.01%	1.545%
18	8.994	1286	1297	1307	rBV	75946	126174	4.12%	0.319%
19	9.427	1361	1368	1374	rBV	494411	694297	22.70%	1.753%
20	10.098	1472	1478	1484	rBV	386258	522610	17.08%	1.319%
21	11.000	1621	1626	1631	rBV	34351	44940	1.47%	0.113%
22	11.232	1656	1664	1674	rBV	172550	220078	7.19%	0.556%
23	11.341	1677	1682	1689	rBV	639962	777880	25.43%	1.964%
24	11.421	1689	1695	1702	rVV	798395	1552809	50.76%	3.920%
25	11.488	1702	1706	1713	rVB	751148	929167	30.37%	2.346%
26	11.652	1729	1733	1740	rVB	184908	224022	7.32%	0.566%
27	11.792	1750	1756	1763	rVB	1397768	1628841	53.25%	4.112%
28	11.902	1767	1774	1776	rBV	122262	152374	4.98%	0.385%
29	11.927	1776	1778	1783	rVV	156320	192327	6.29%	0.486%
30	12.012	1787	1792	1795	rVV	308156	394695	12.90%	0.996%
31	12.061	1795	1800	1806	rVV2	504156	707953	23.14%	1.787%
32	12.128	1806	1811	1815	rVB	101577	129260	4.23%	0.326%
33	12.219	1821	1826	1830	rVB	27490	36688	1.20%	0.093%
34	12.305	1830	1840	1844	rBV2	1016734	1862381	60.88%	4.702%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

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\SOMXTR100220WMA.M
Title : TRACE VOA SOM01.0

35	12.359	1844	1849	1858	rVB2	2094703	3059113	100.00%	7.723%
36	12.445	1858	1863	1867	rBV	119449	142370	4.65%	0.359%
37	12.500	1867	1872	1878	rVB	487858	579063	18.93%	1.462%
38	12.573	1878	1884	1886	rBV	1269918	1824688	59.65%	4.607%
39	12.591	1886	1887	1892	rVB	1186099	1070035	34.98%	2.702%
40	12.652	1892	1897	1902	rBV	2387422	2734569	89.39%	6.904%
41	12.756	1907	1914	1921	rVV3	215886	407789	13.33%	1.030%
42	12.835	1921	1927	1931	rVV2	62139	90718	2.97%	0.229%
43	12.890	1931	1936	1941	rVV	564604	676903	22.13%	1.709%
44	12.963	1941	1948	1951	rVV	1654491	2050490	67.03%	5.177%
45	13.000	1951	1954	1960	rVV	2326456	2754213	90.03%	6.954%
46	13.061	1960	1964	1966	rVV	125151	147196	4.81%	0.372%
47	13.085	1966	1968	1970	rVV	78850	93375	3.05%	0.236%
48	13.109	1970	1972	1974	rVV	73463	77303	2.53%	0.195%
49	13.134	1974	1976	1981	rVV2	38440	66494	2.17%	0.168%
50	13.207	1981	1988	1992	rVV	340008	460819	15.06%	1.163%
51	13.250	1992	1995	1998	rVV	58599	65733	2.15%	0.166%
52	13.292	1998	2002	2004	rVV2	178095	251269	8.21%	0.634%
53	13.329	2004	2008	2017	rVV2	1083325	1664844	54.42%	4.203%
54	13.408	2017	2021	2027	rVV	213773	244791	8.00%	0.618%
55	13.463	2027	2030	2038	rVB4	30236	50743	1.66%	0.128%
56	13.536	2038	2042	2047	rBV2	52754	86215	2.82%	0.218%
57	13.628	2051	2057	2063	rVV2	839259	1417376	46.33%	3.578%
58	13.719	2067	2072	2075	rVV	161693	218087	7.13%	0.551%
59	13.969	2106	2113	2115	rBV2	70716	103954	3.40%	0.262%
60	14.006	2115	2119	2127	rVB2	170348	244568	7.99%	0.617%
61	14.115	2132	2137	2141	rBV	88931	103294	3.38%	0.261%
62	14.255	2155	2160	2167	rBV2	59120	87919	2.87%	0.222%
63	14.359	2173	2177	2182	rVB	58326	71612	2.34%	0.181%
64	14.414	2182	2186	2189	rBV	30818	35151	1.15%	0.089%
65	14.676	2221	2229	2233	rBV	49487	72155	2.36%	0.182%

Sum of corrected areas: 39608595

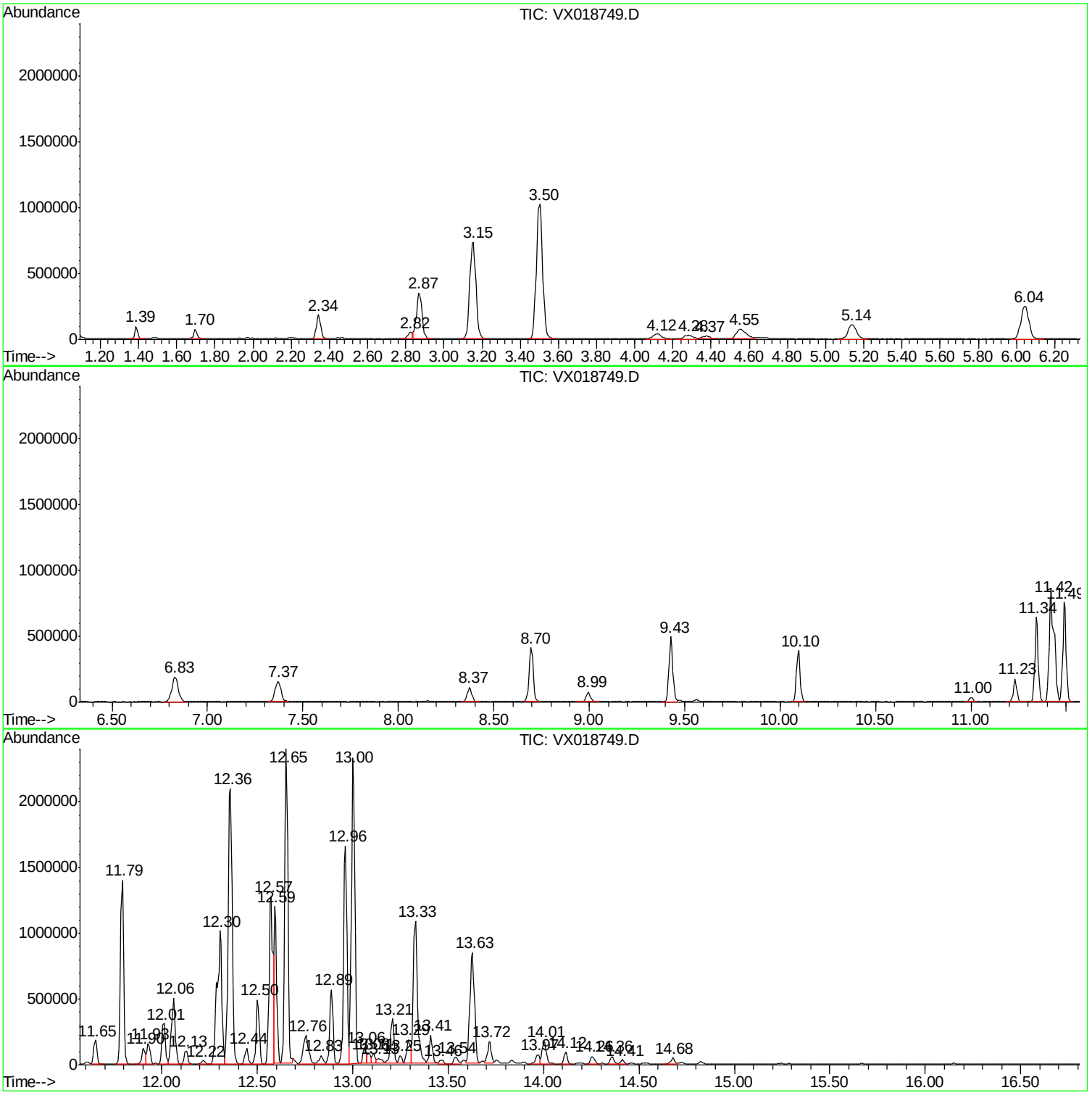
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.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\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

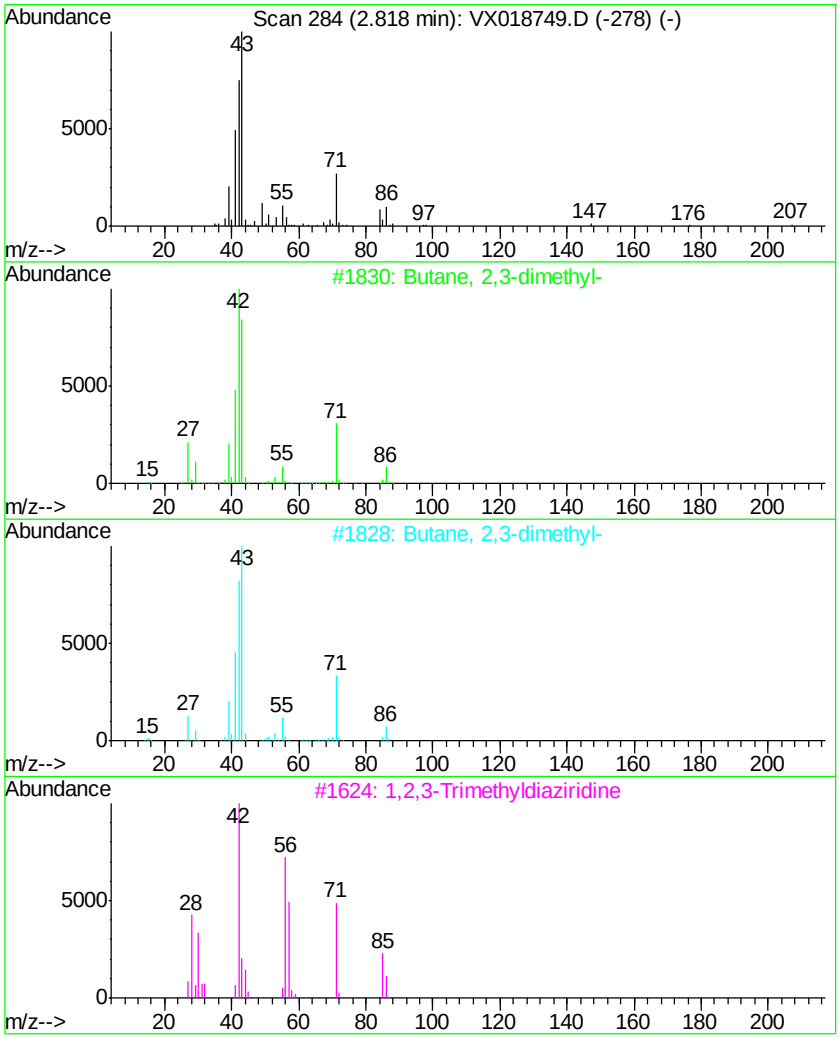
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

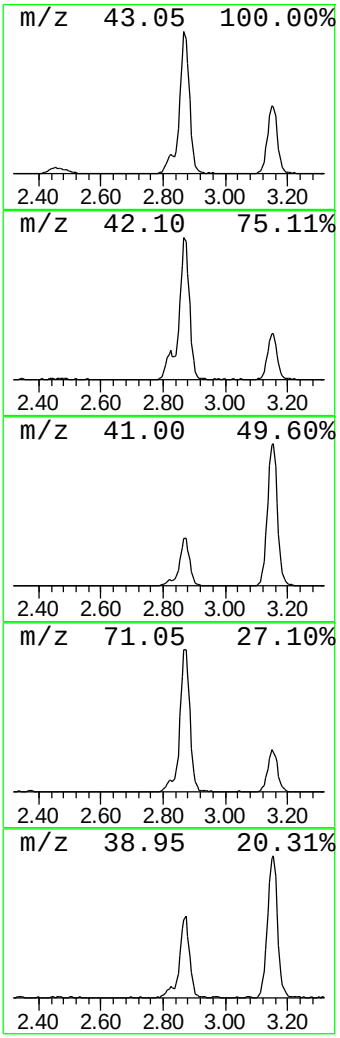
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	0.86 ug/L	77363	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	53
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	45
3	1,2,3-Trimethyldiaziridine	86	C4H10N2	113604-56-1	40
4	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	28
5	Ethenamine, N-methyl-N-nitroso-	86	C3H6N2O	004549-40-0	25





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

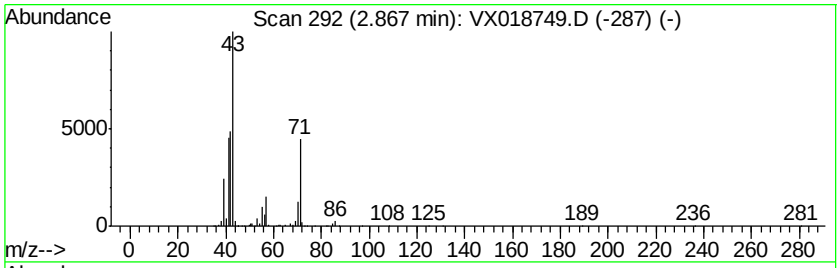
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

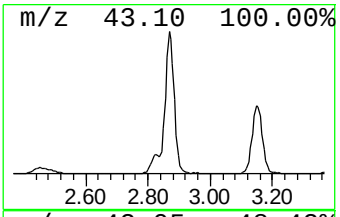
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

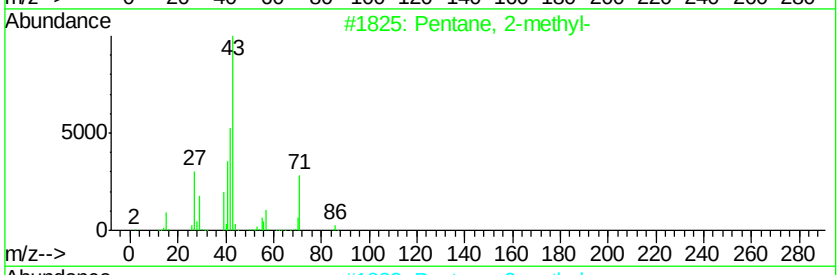
****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 11

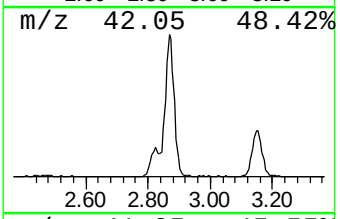
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	8.08 ug/L	722818	1,4-Difluorobenzene	6.83

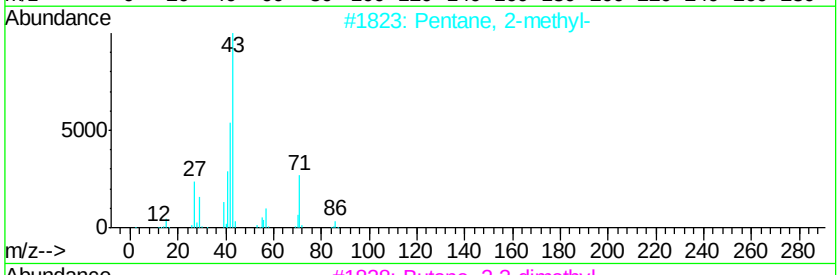
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	72
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	59
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
4	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45
5	Pentane	72	C5H12	000109-66-0	43

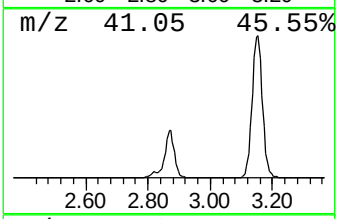


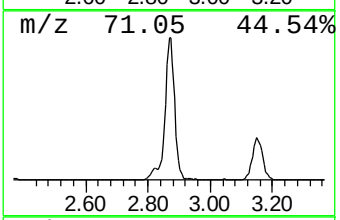


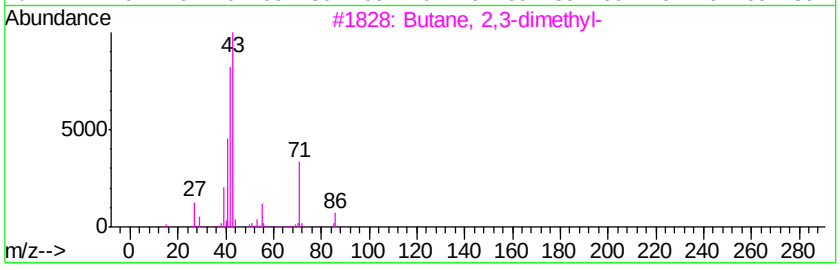


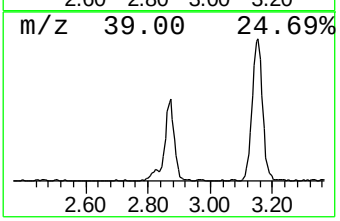












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

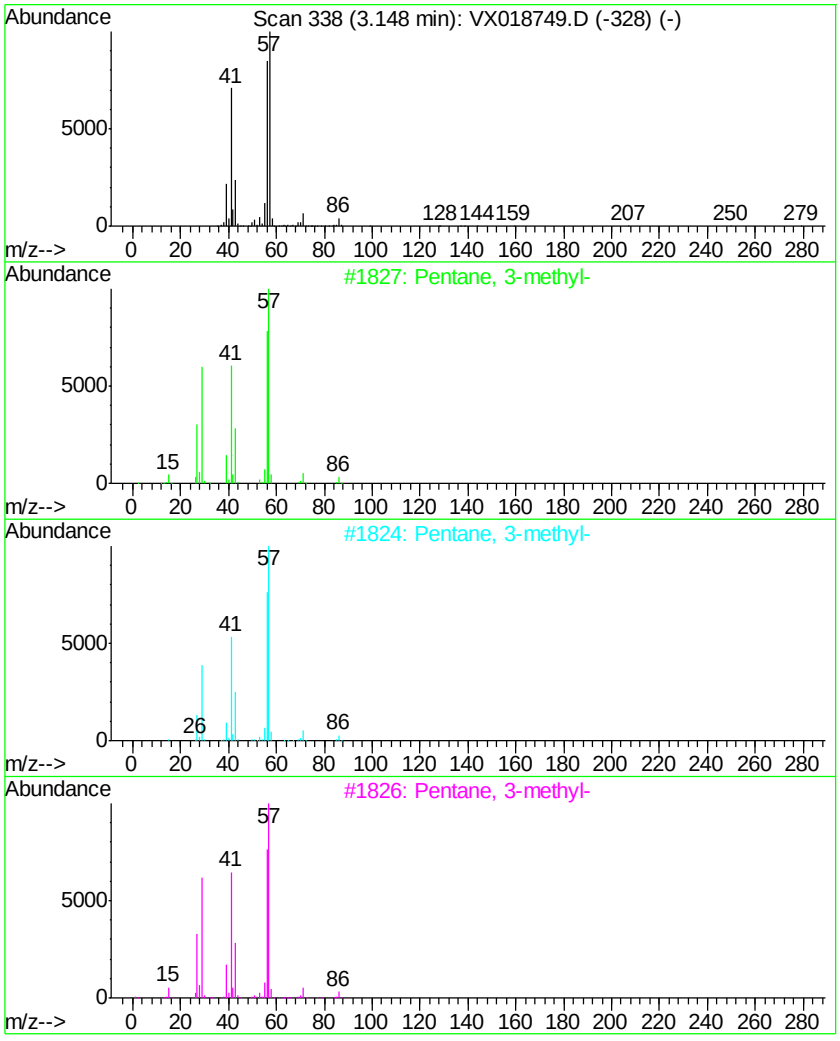
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

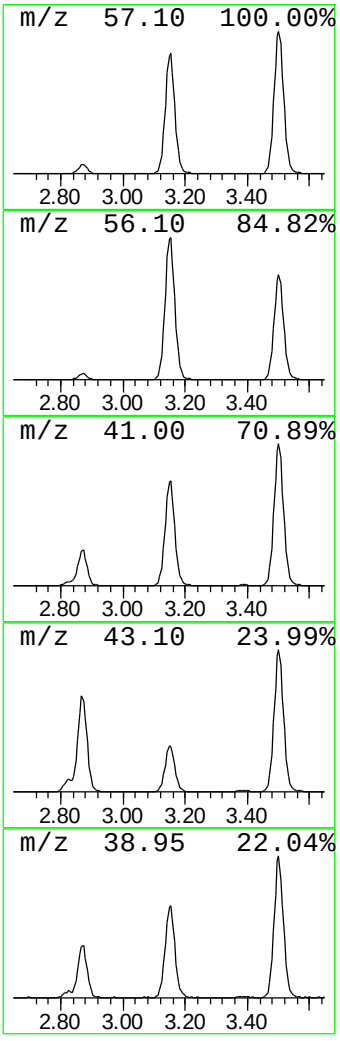
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	18.79 ug/L	1681570	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	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

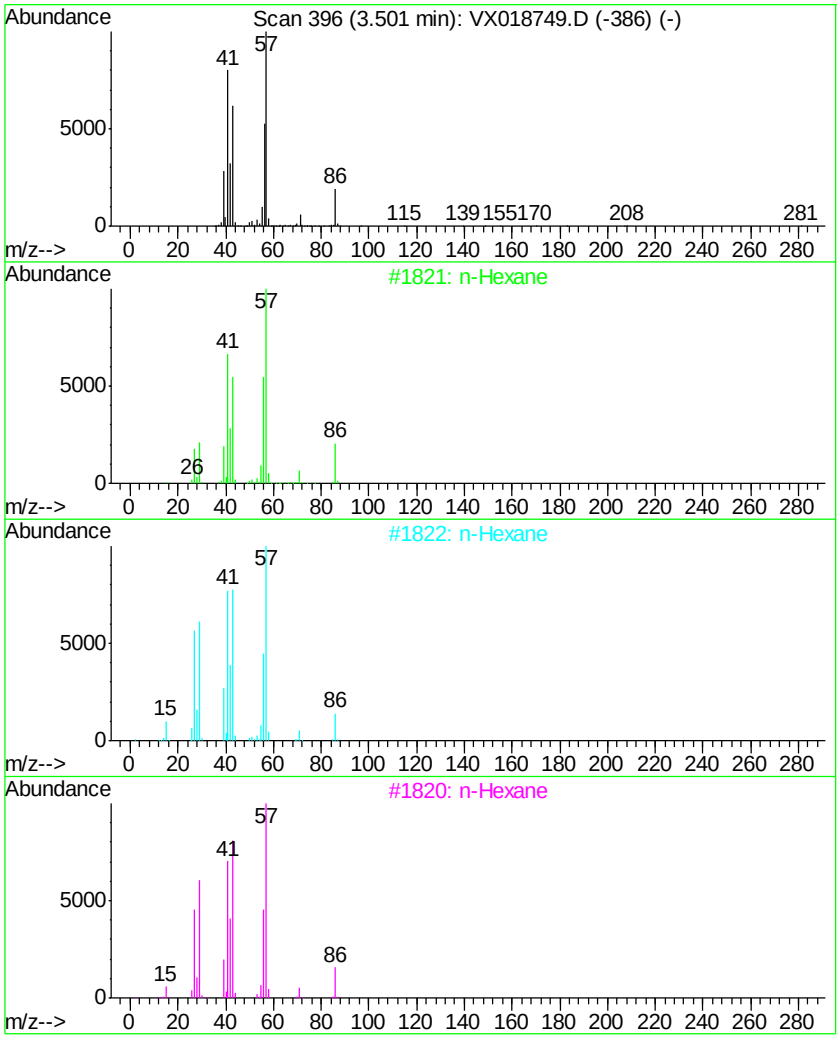
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

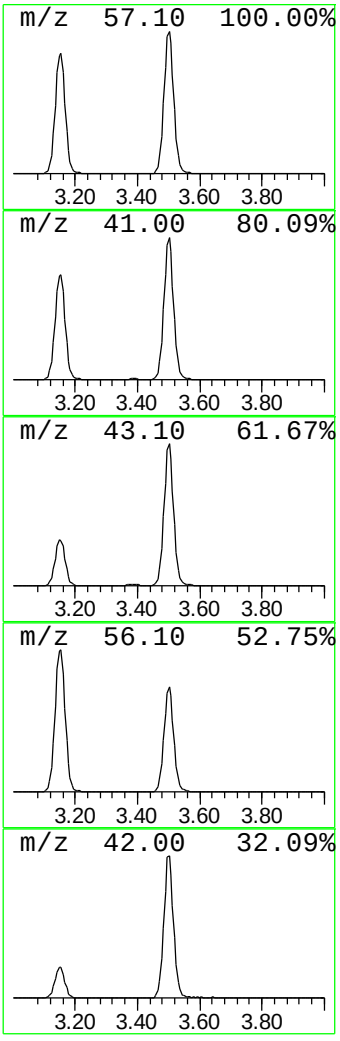
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.50	25.70 ug/L	2299720	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	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	47
5	Pentane, 3-methyl-	86	C6H14	000096-14-0	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

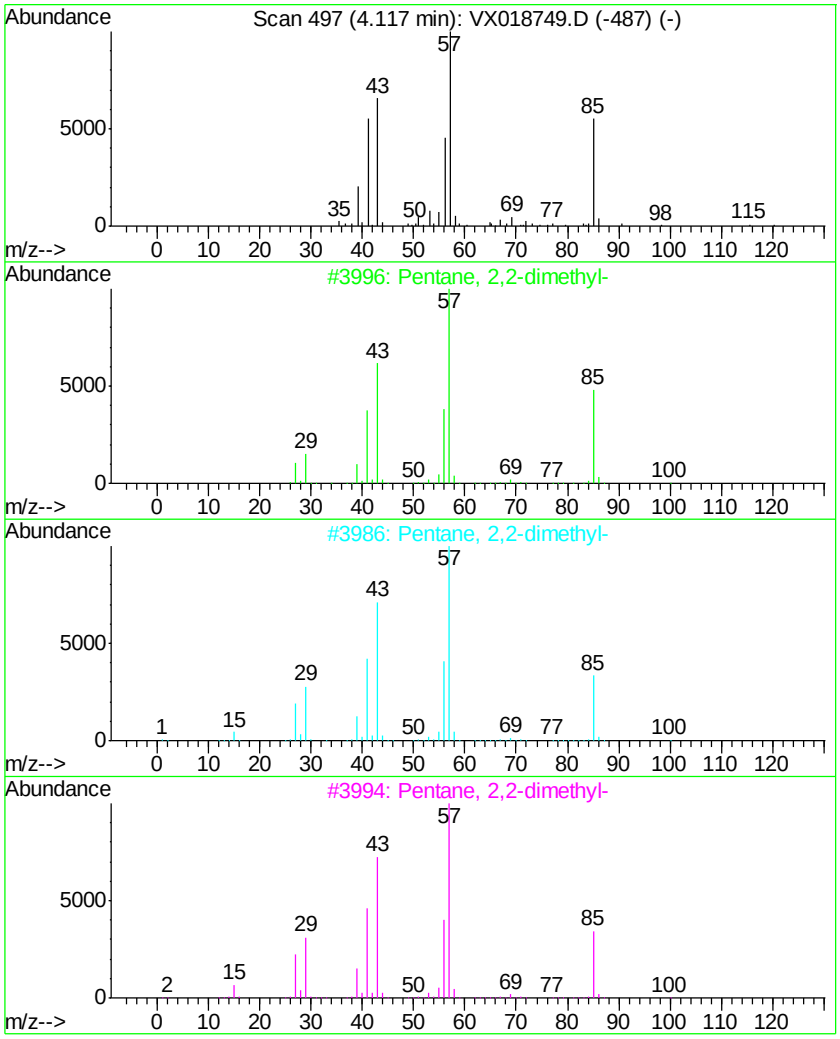
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

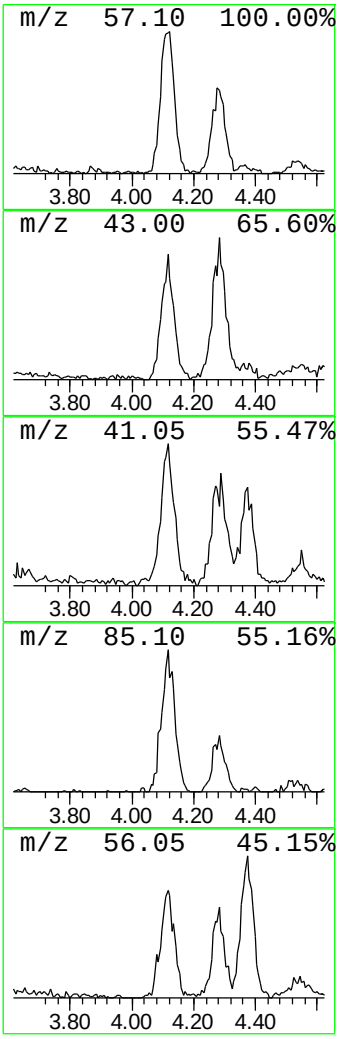
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.12	1.31 ug/L	117408	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	72
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	56
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	56
5	Butanoic acid, 2-methyl-, 2-meth...	158	C9H18O2	002445-67-2	56





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

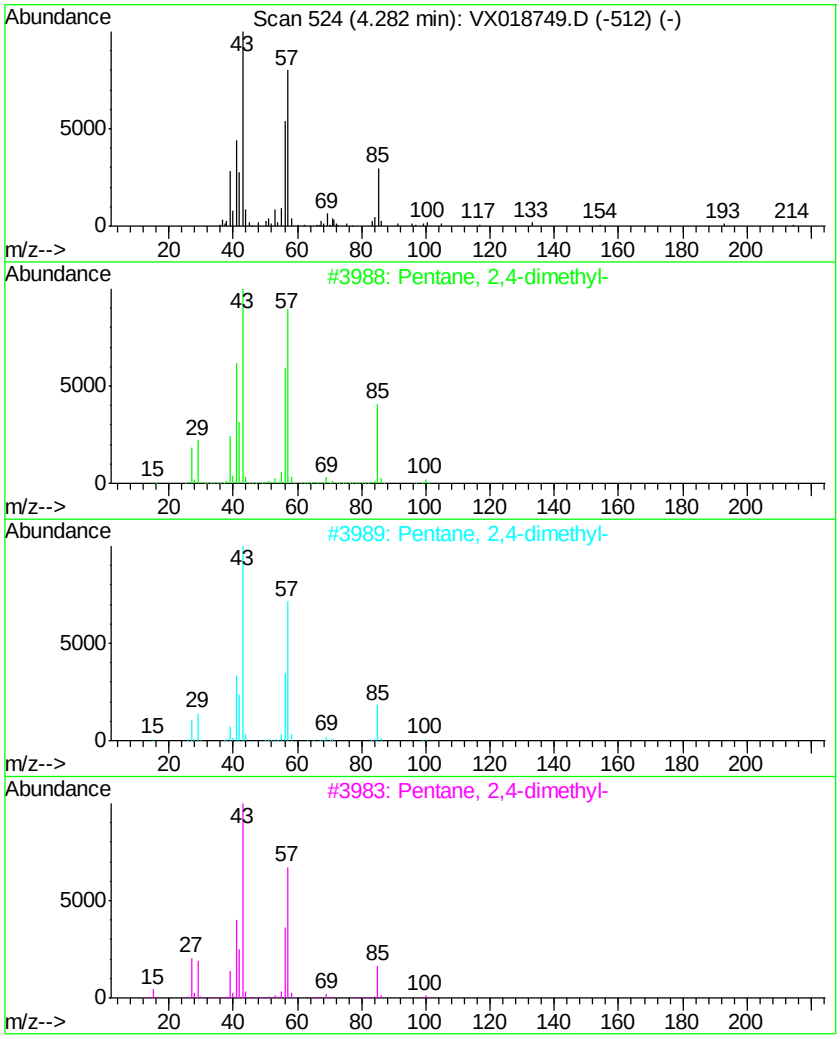
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

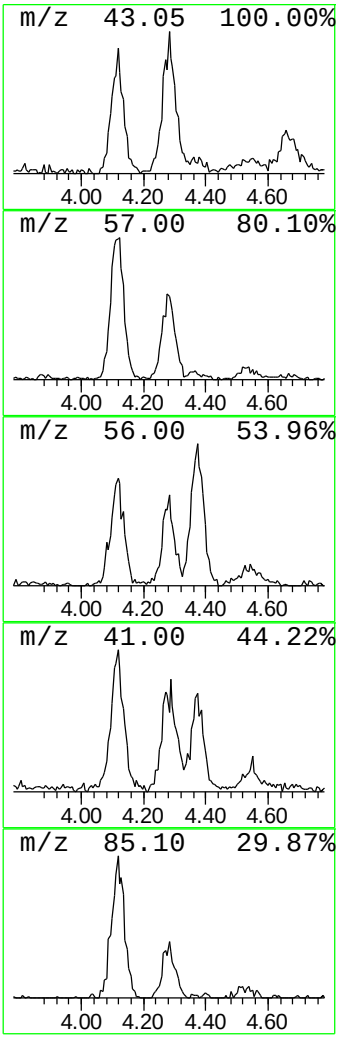
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	1.13 ug/L	101536	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	78
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

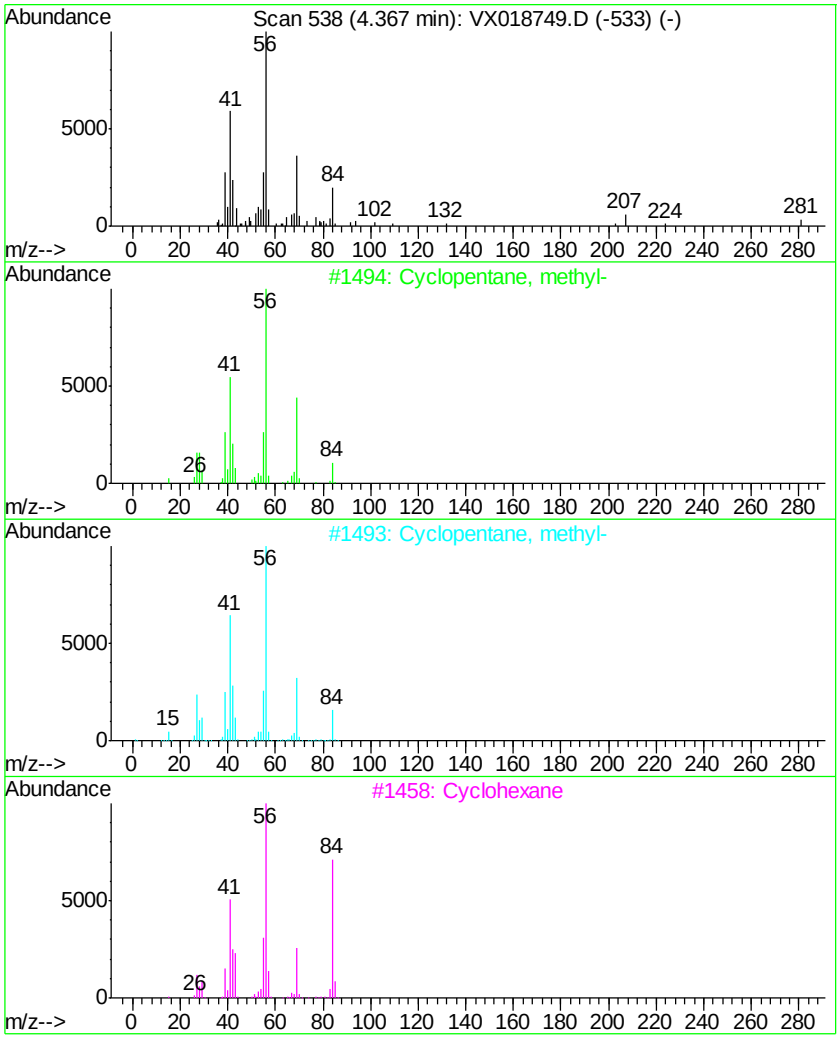
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

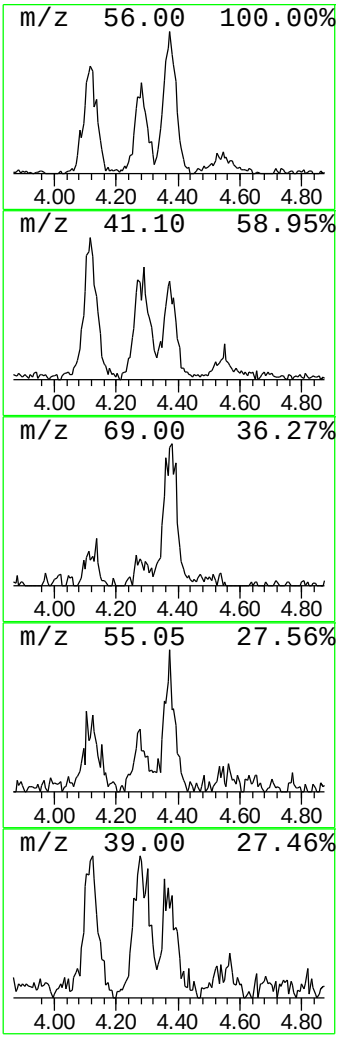
****

Peak Number 7 (DEL) Alkane: Cyclic4.37 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	0.70 ug/L	62802	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	81
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
3	Cyclohexane	84	C6H12	000110-82-7	64
4	Cyclohexane	84	C6H12	000110-82-7	50
5	Cyclobutane, 1,2-diethyl-, trans-	112	C8H16	019341-98-1	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

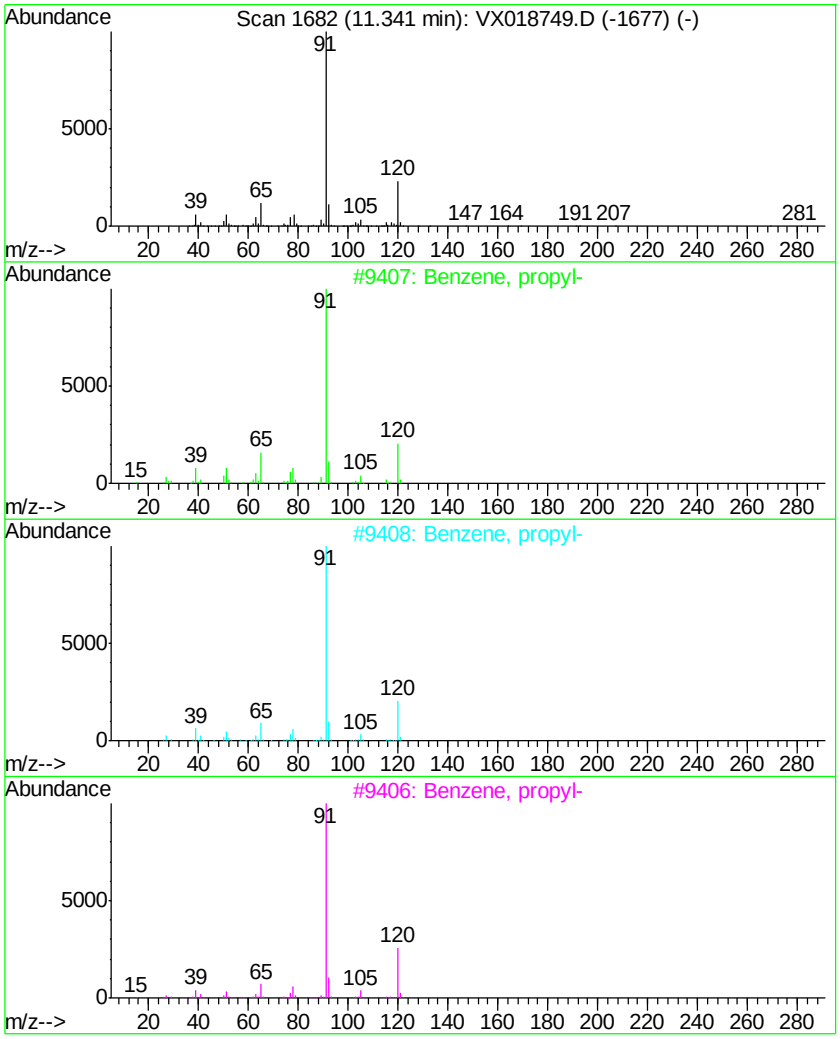
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

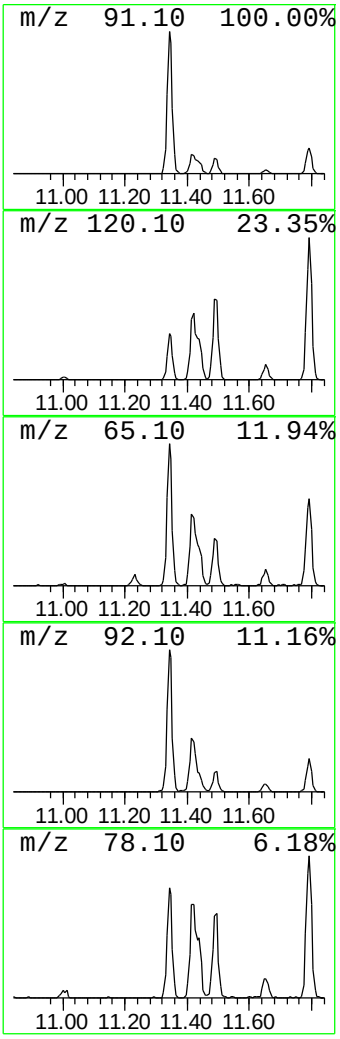
****

Peak Number 9 Benzene, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	5.49 ug/L	777880	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	87
3	Benzene, propyl-	120	C9H12	000103-65-1	83
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

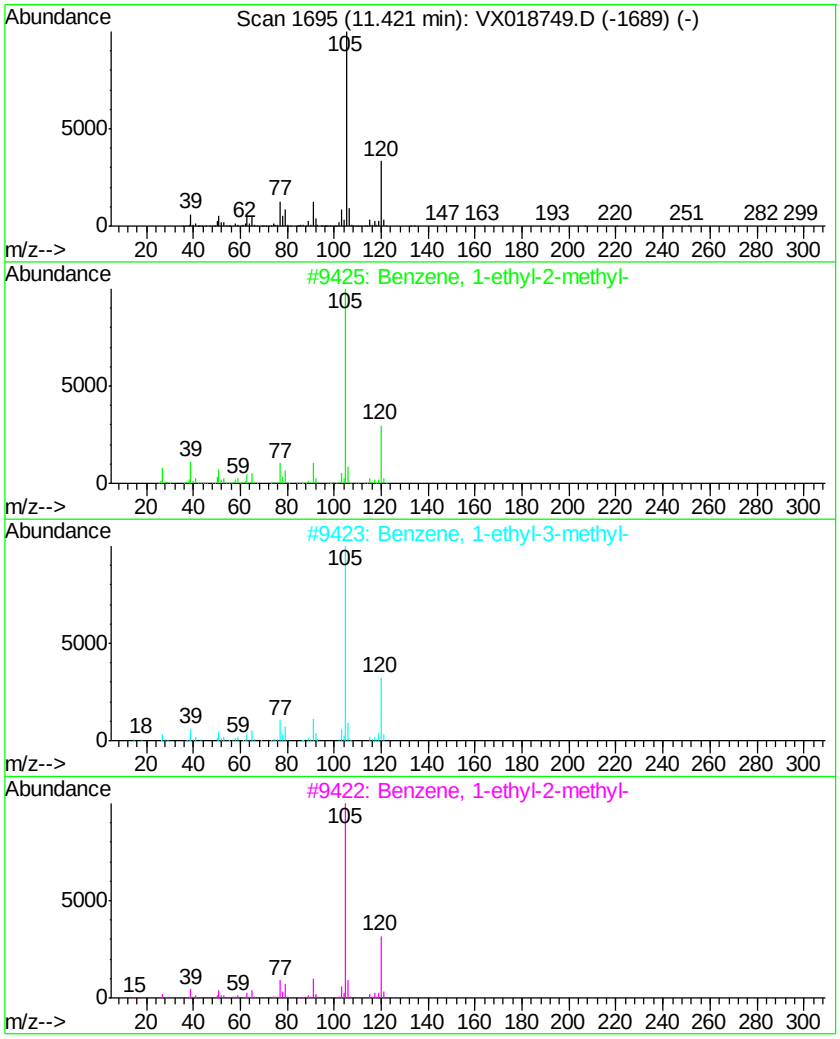
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

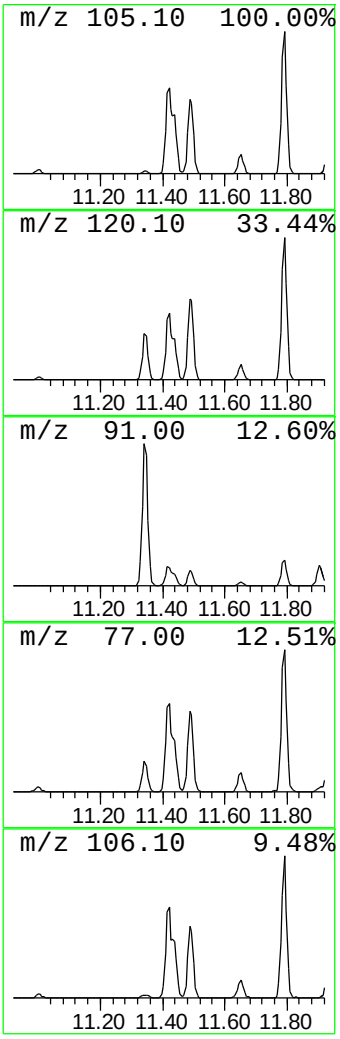
****

Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	10.97 ug/L	1552810	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	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

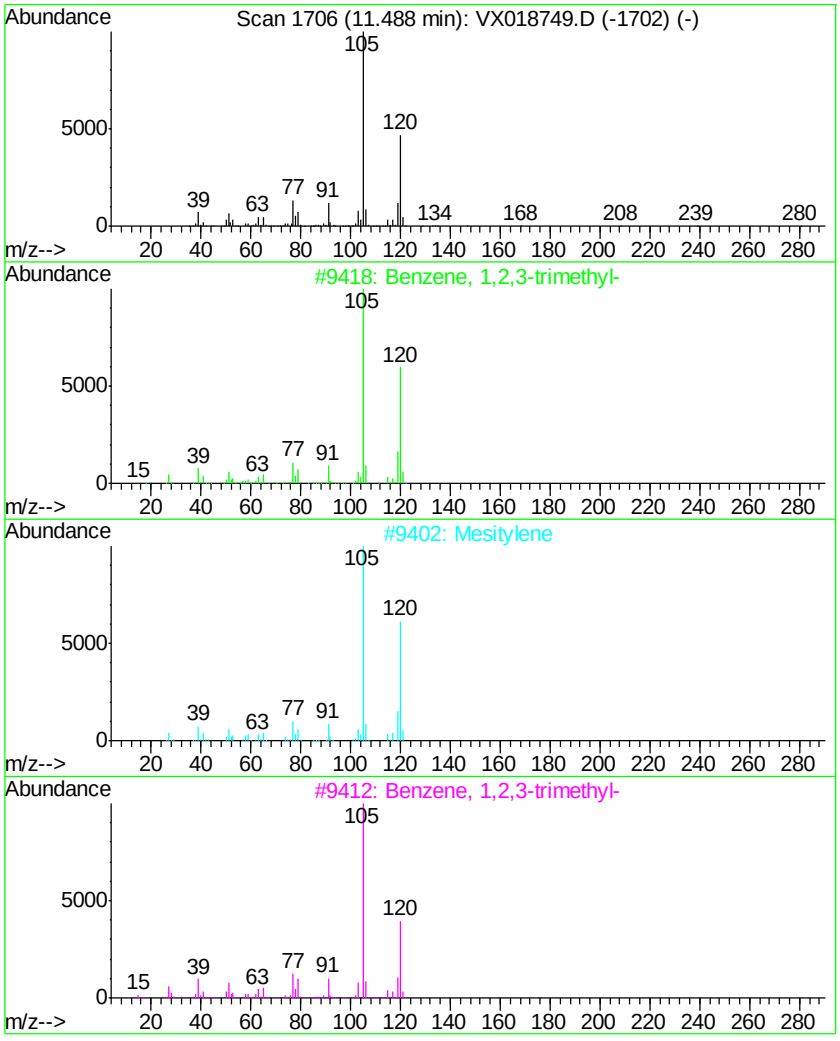
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

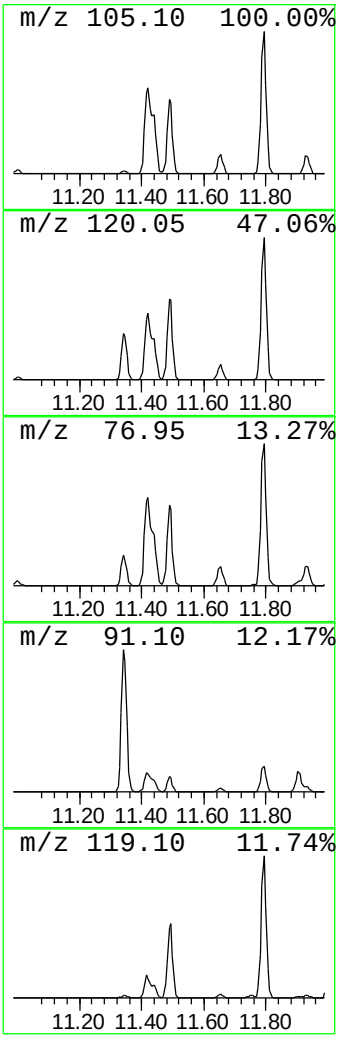
****

Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	6.56 ug/L	929167	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	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Mesitylene	120	C9H12	000108-67-8	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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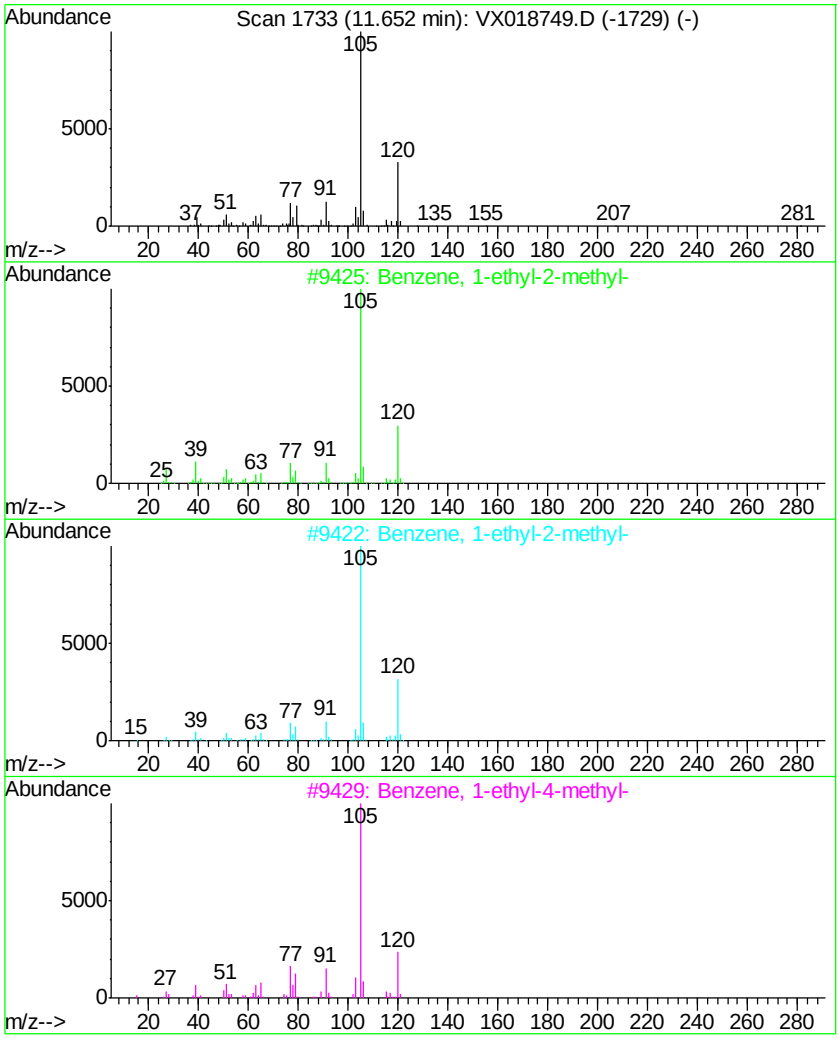
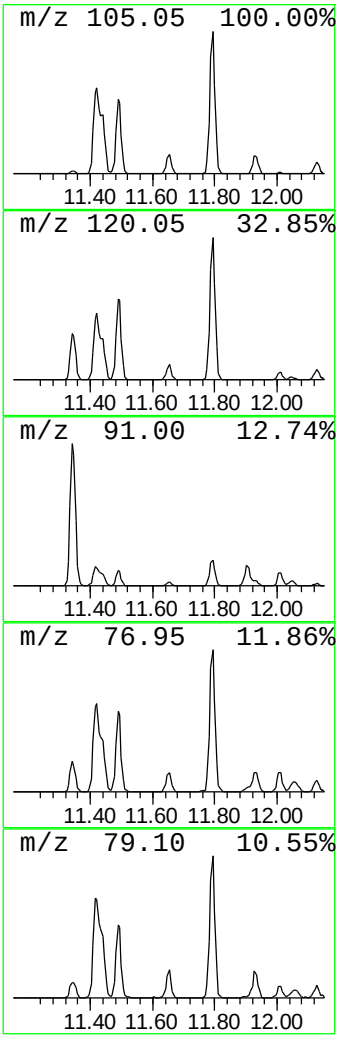
Peak Number 12 Benzene, 1-ethyl-4-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	1.58 ug/L	224022	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-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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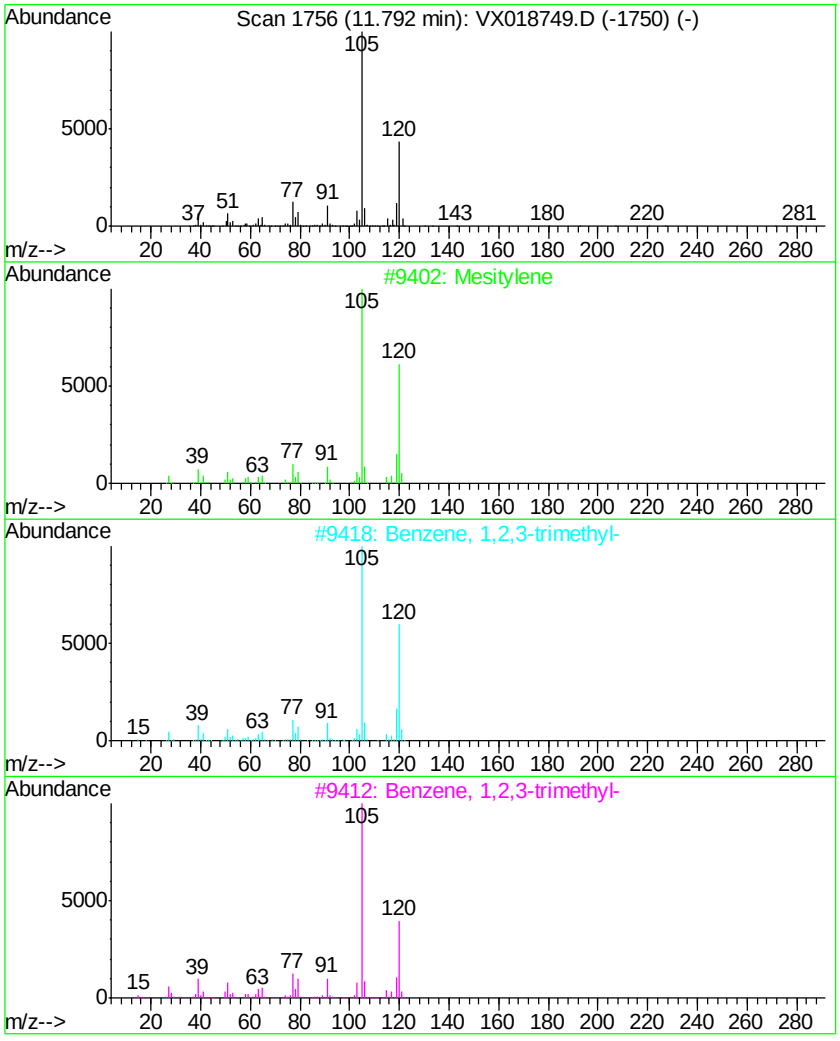
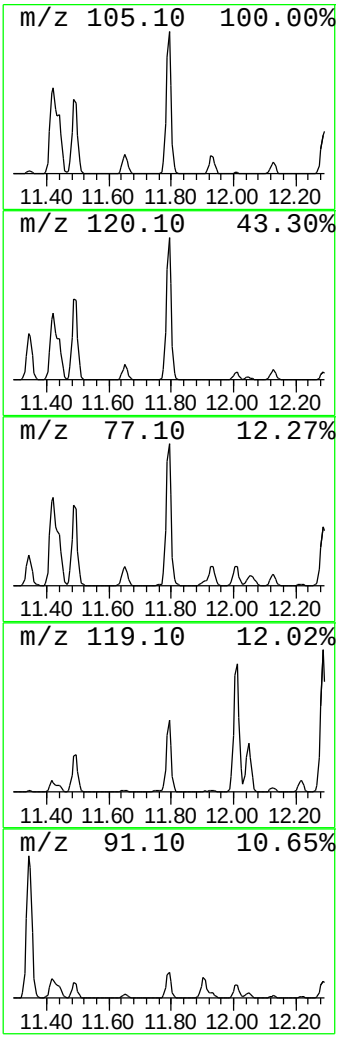
Peak Number 13 Mesitylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	11.50 ug/L	1628840	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

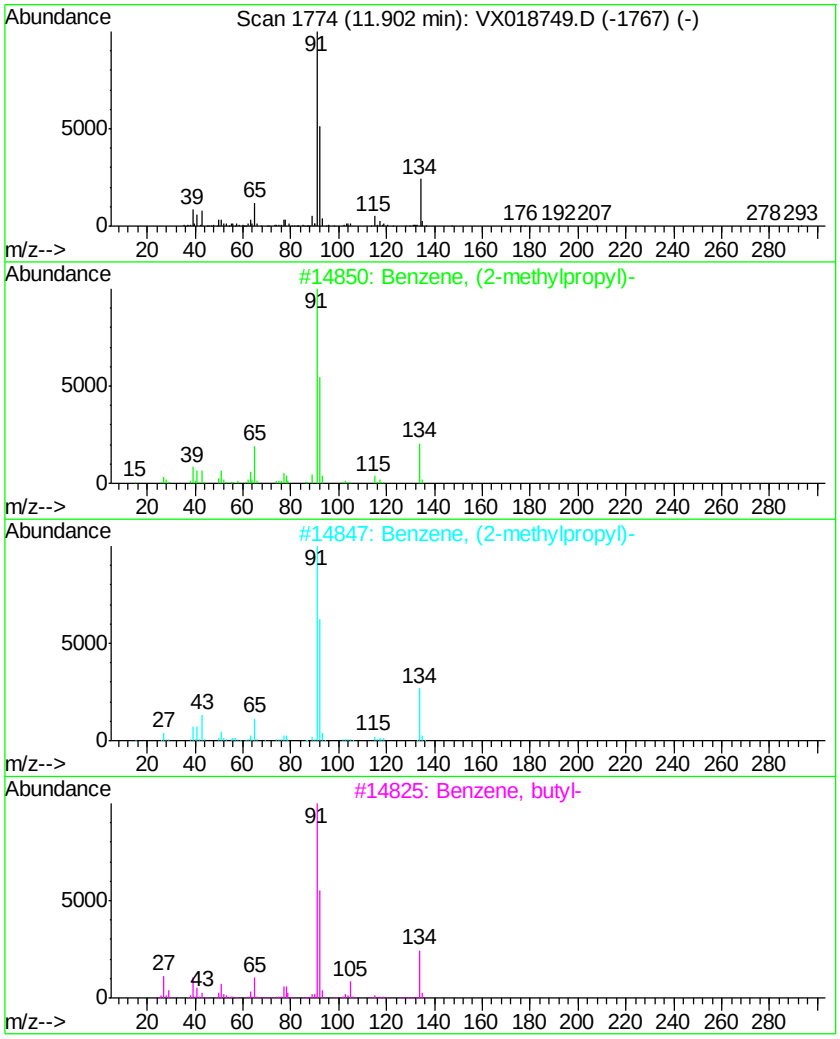
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

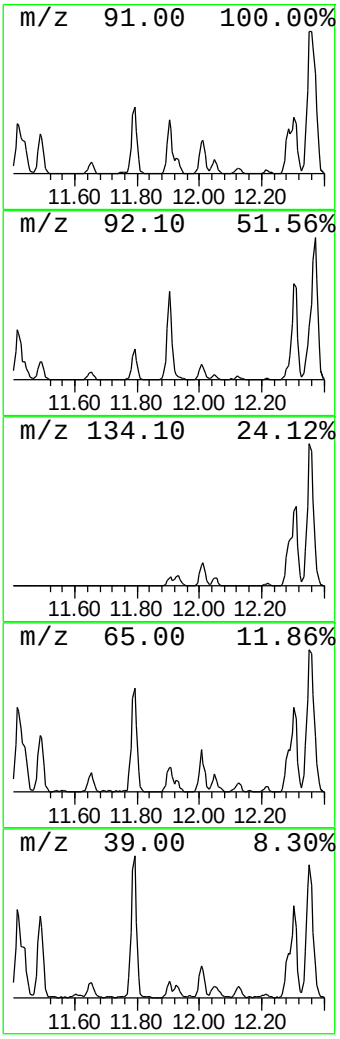
****

Peak Number 14 Benzene, (2-methylpropyl)- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	1.08 ug/L	152374	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	87
3	Benzene, butyl-	134	C10H14	000104-51-8	80
4	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	80
5	Toluene	92	C7H8	000108-88-3	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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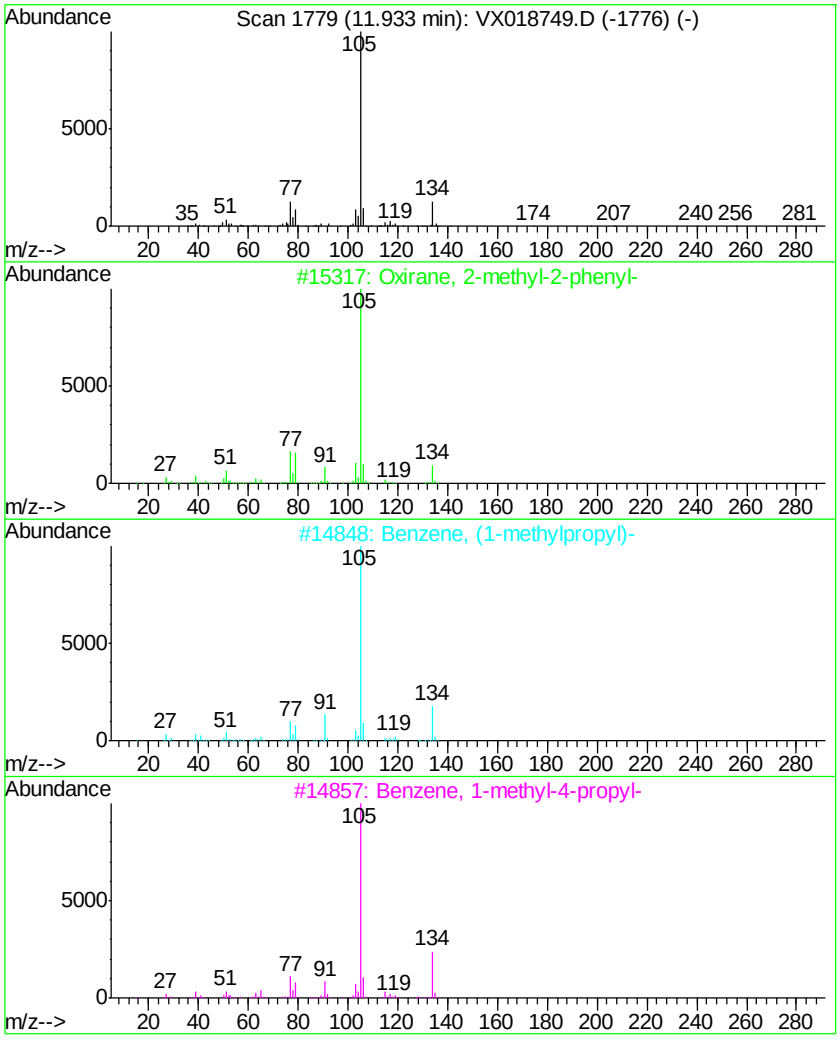
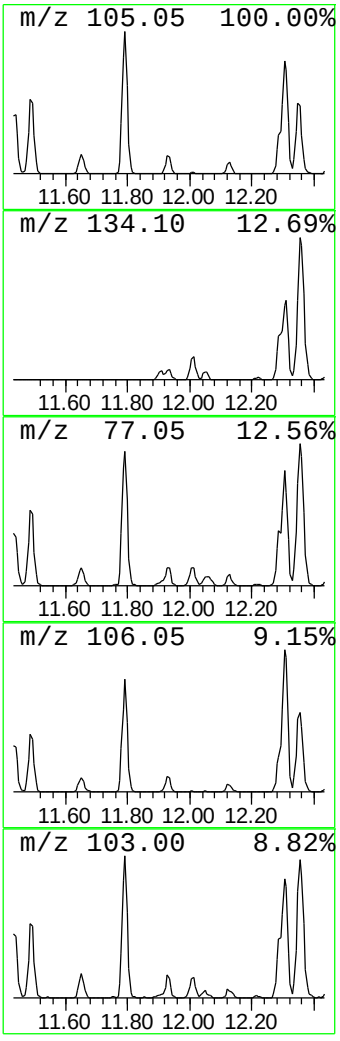
Peak Number 15 Oxirane, 2-methyl-2-phenyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	1.36 ug/L	192327	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	87
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	83
4	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	80
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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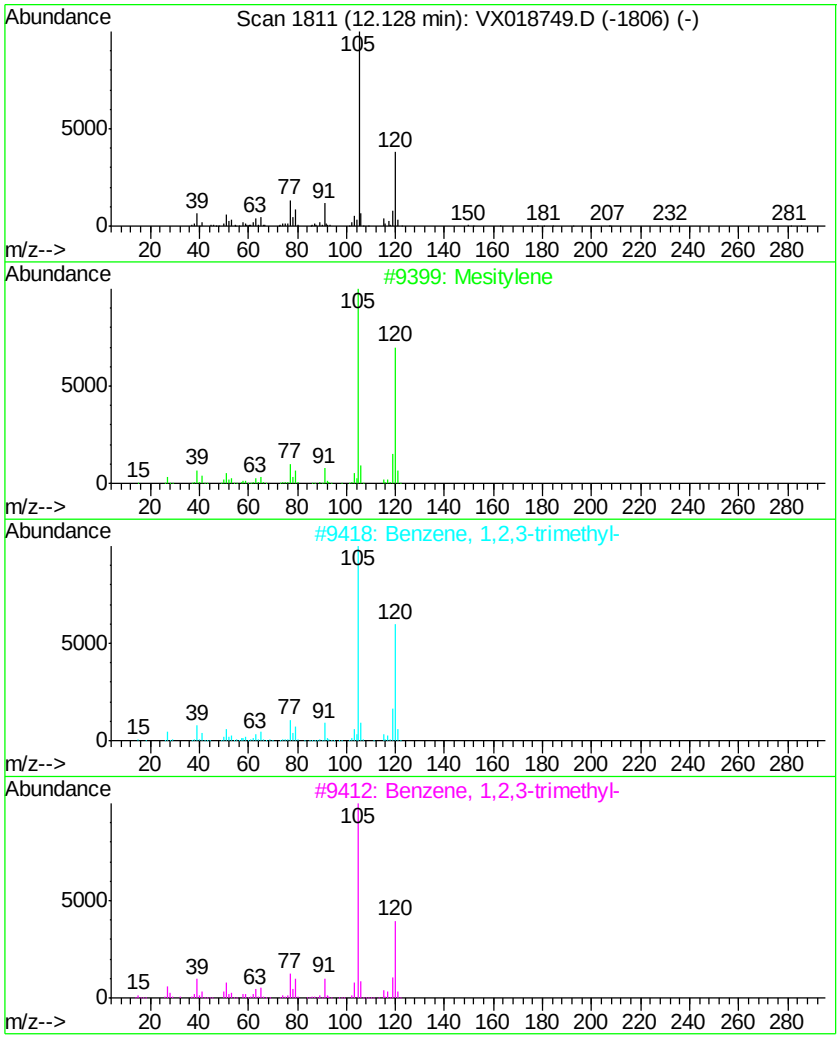
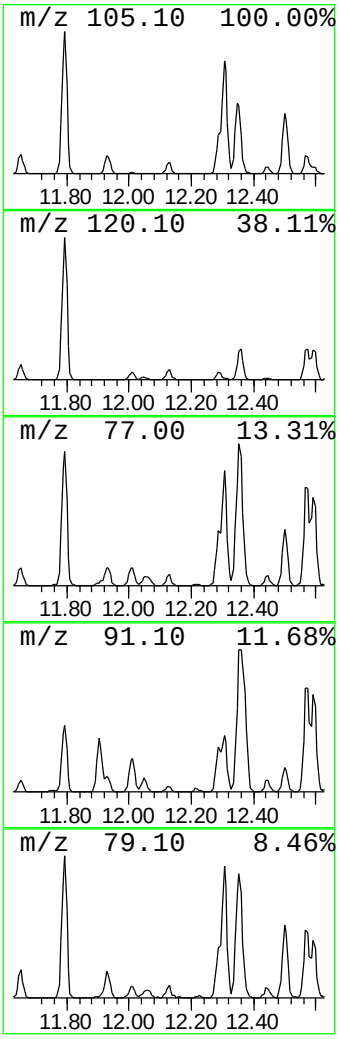
Peak Number 16 Benzene, 1,2,4-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	0.91 ug/L	129260	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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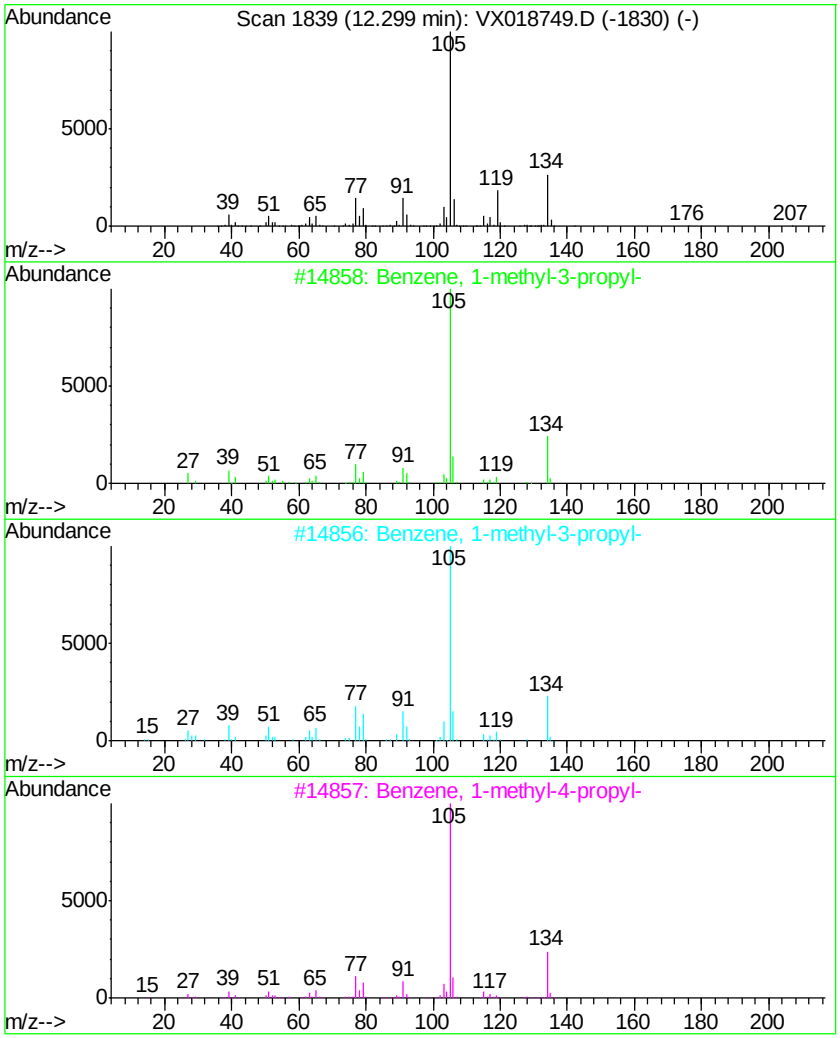
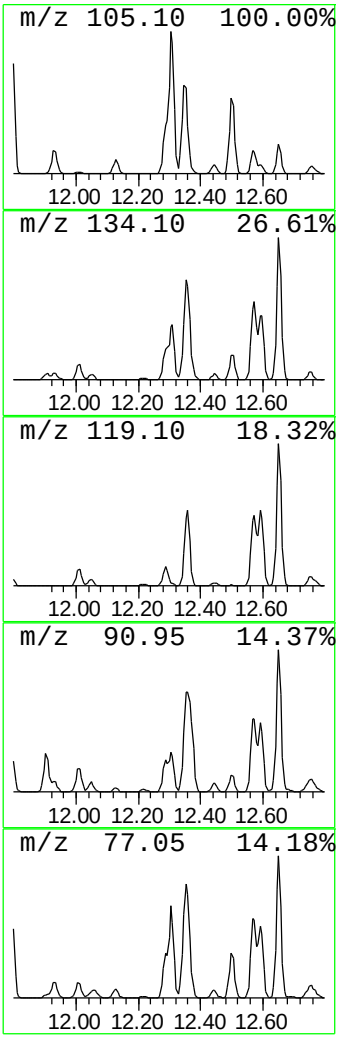
Peak Number 17 Benzene, 1-methyl-3-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	13.15 ug/L	1862380	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	95
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	95
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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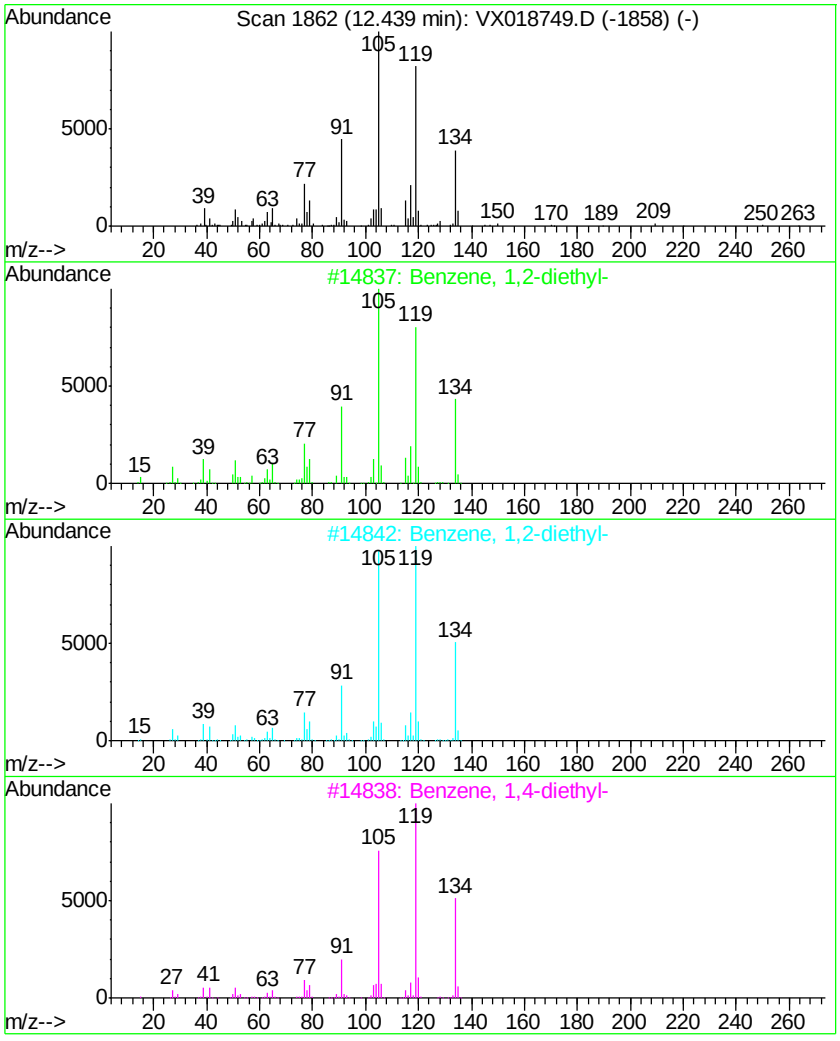
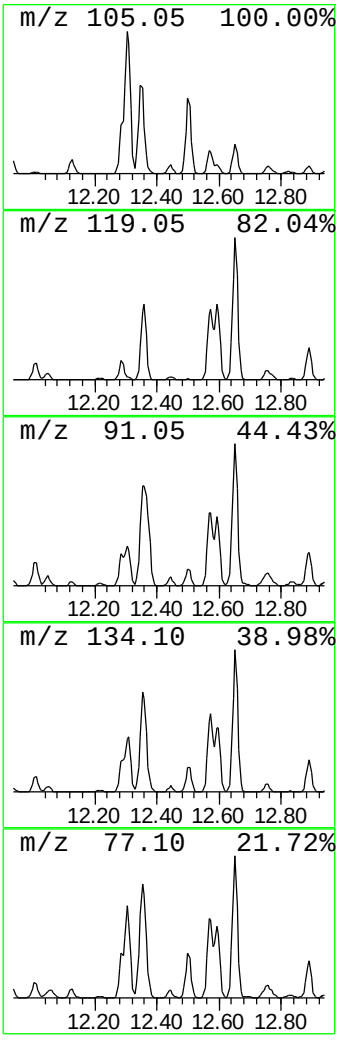
Peak Number 18 Benzene, 1,2-diethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	1.01 ug/L	142370	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	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

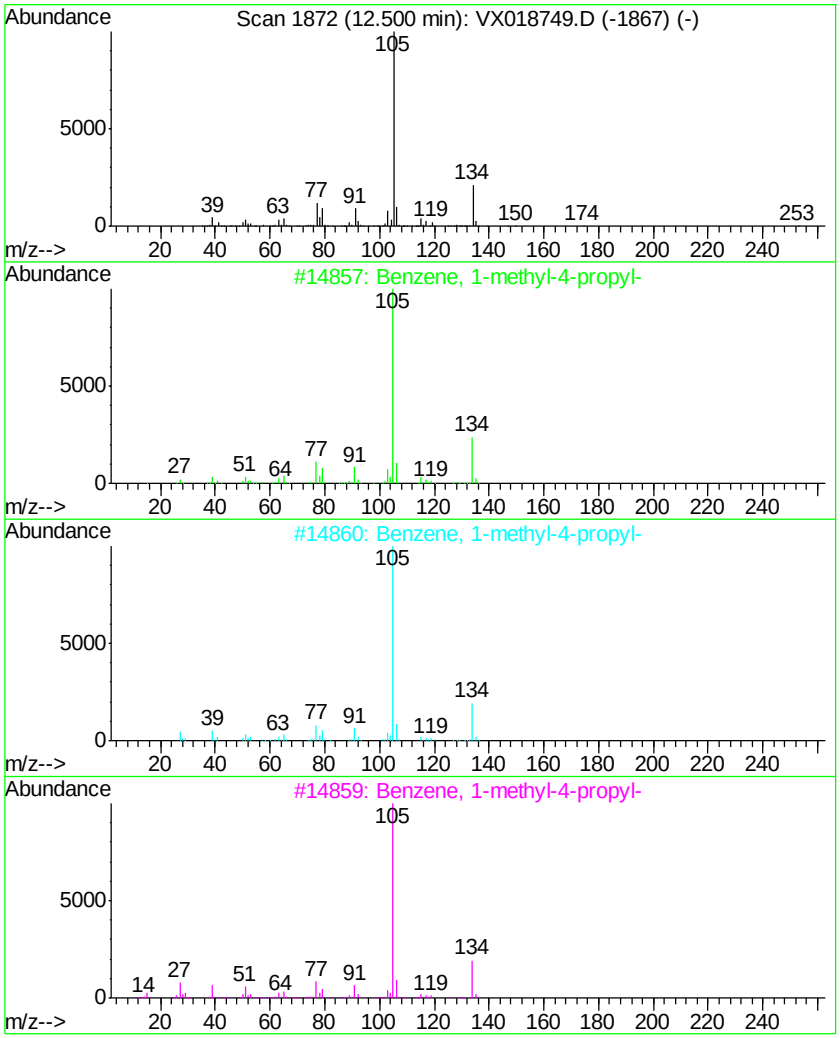
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

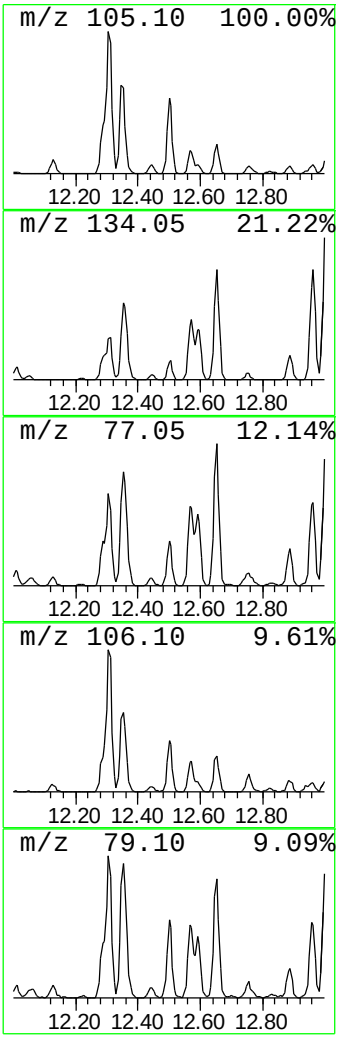
****

Peak Number 19 Benzene, 1-methyl-4-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	4.09 ug/L	579063	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-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

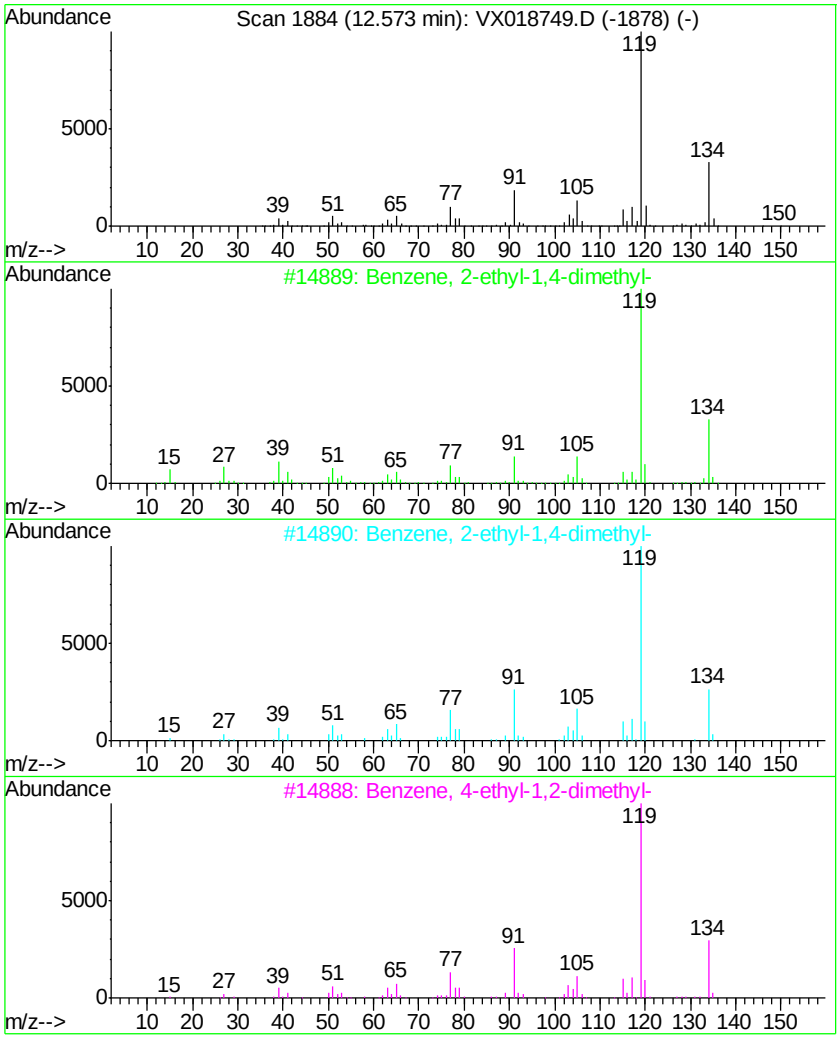
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

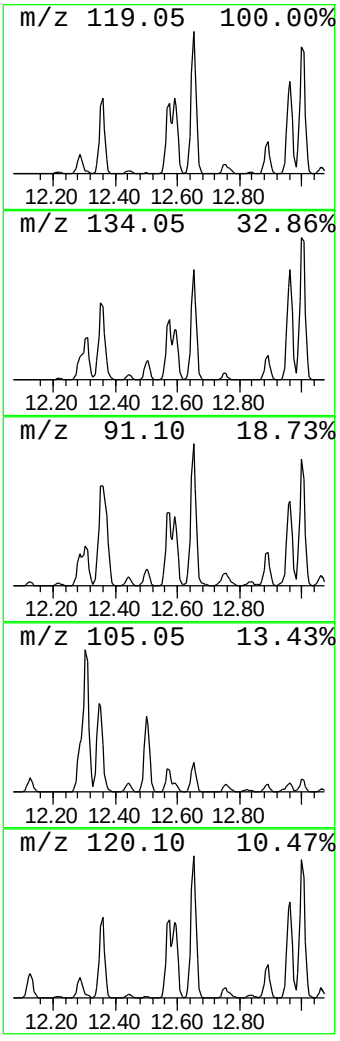
****

Peak Number 20 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	12.89 ug/L	1824690	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\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

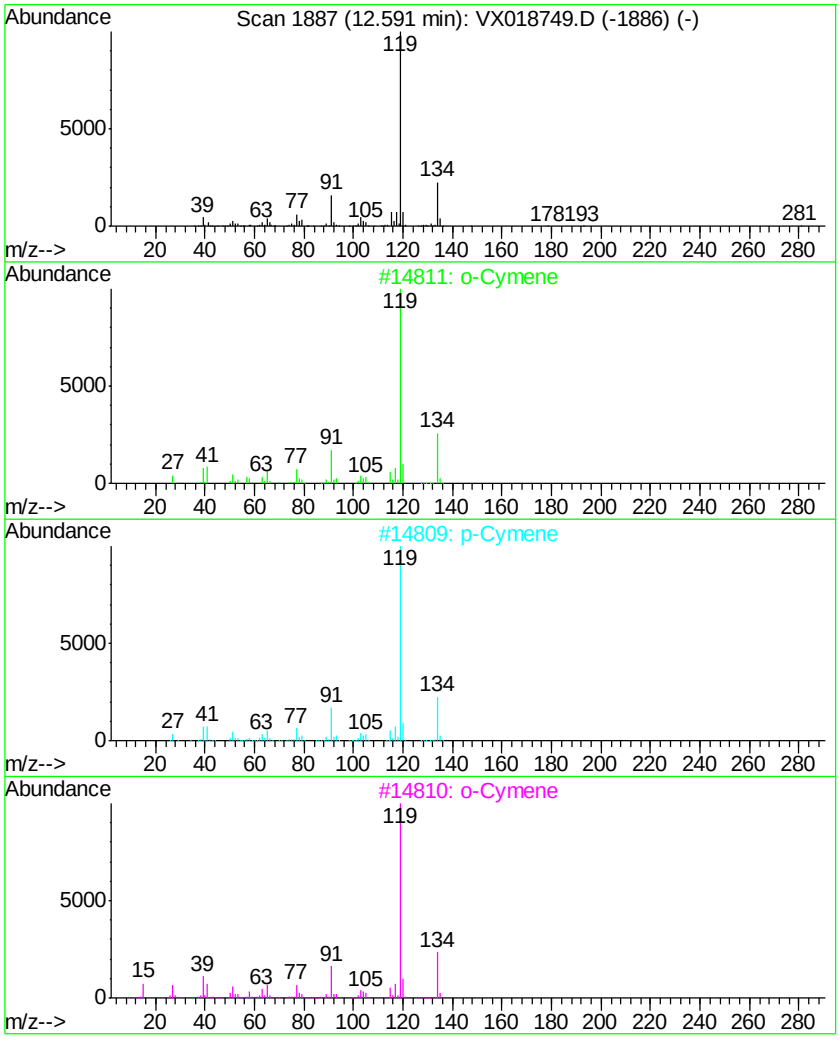
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

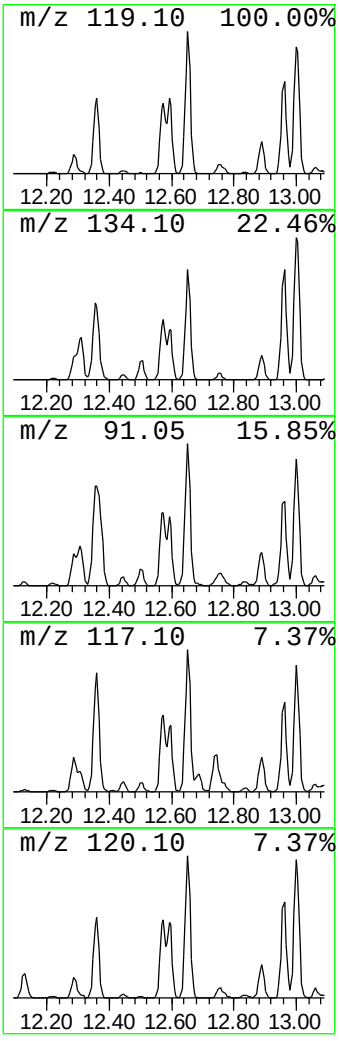
****

Peak Number 21 o-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	7.56 ug/L	1070040	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	p-Cymene	134	C10H14	000099-87-6	97
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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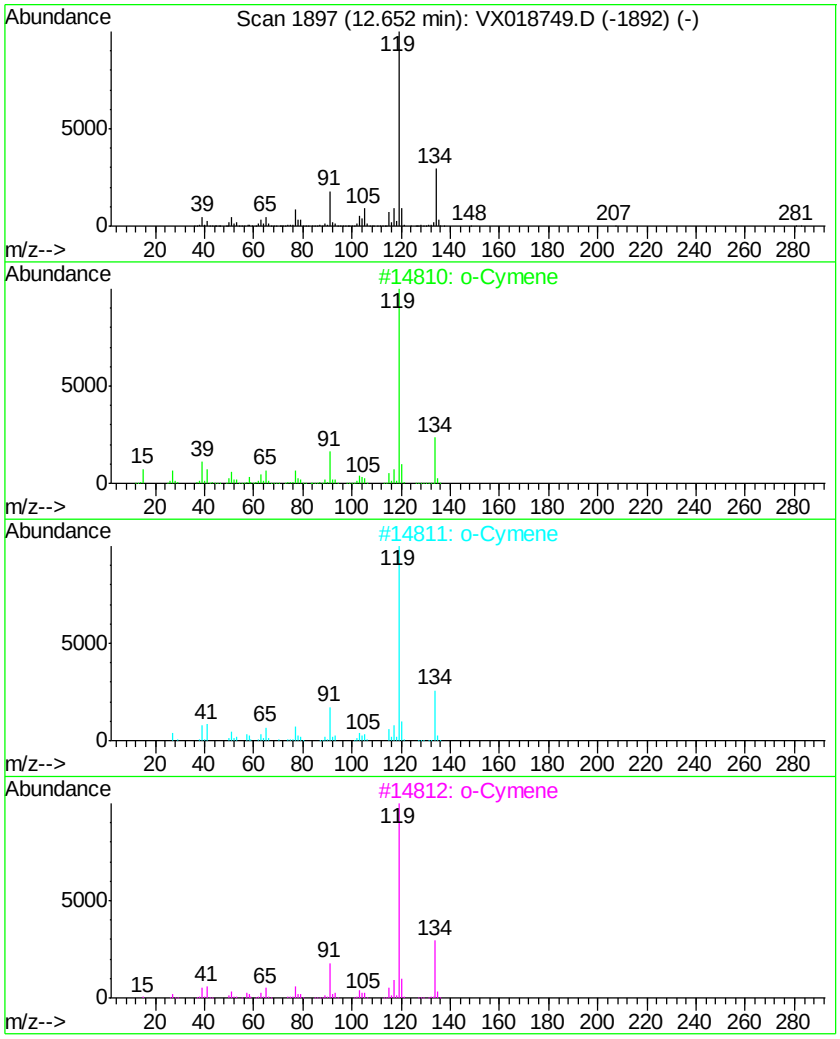
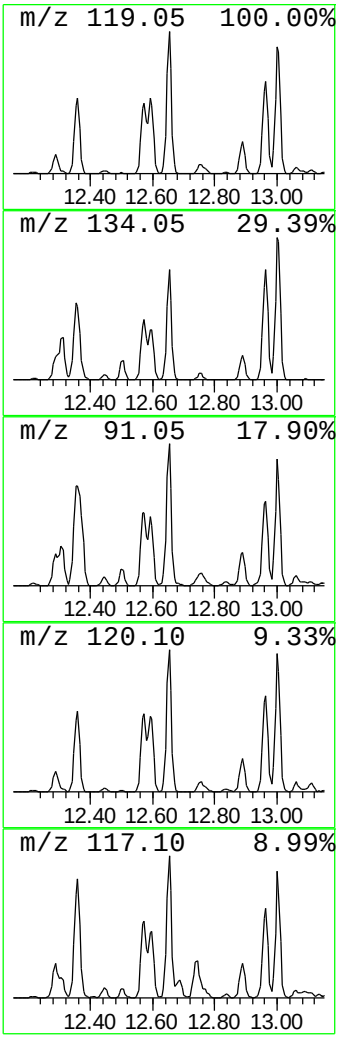
Peak Number 22 Benzene, 1-methyl-3-(1-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	19.31 ug/L	2734570	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	o-Cymene	134	C10H14	000527-84-4	97
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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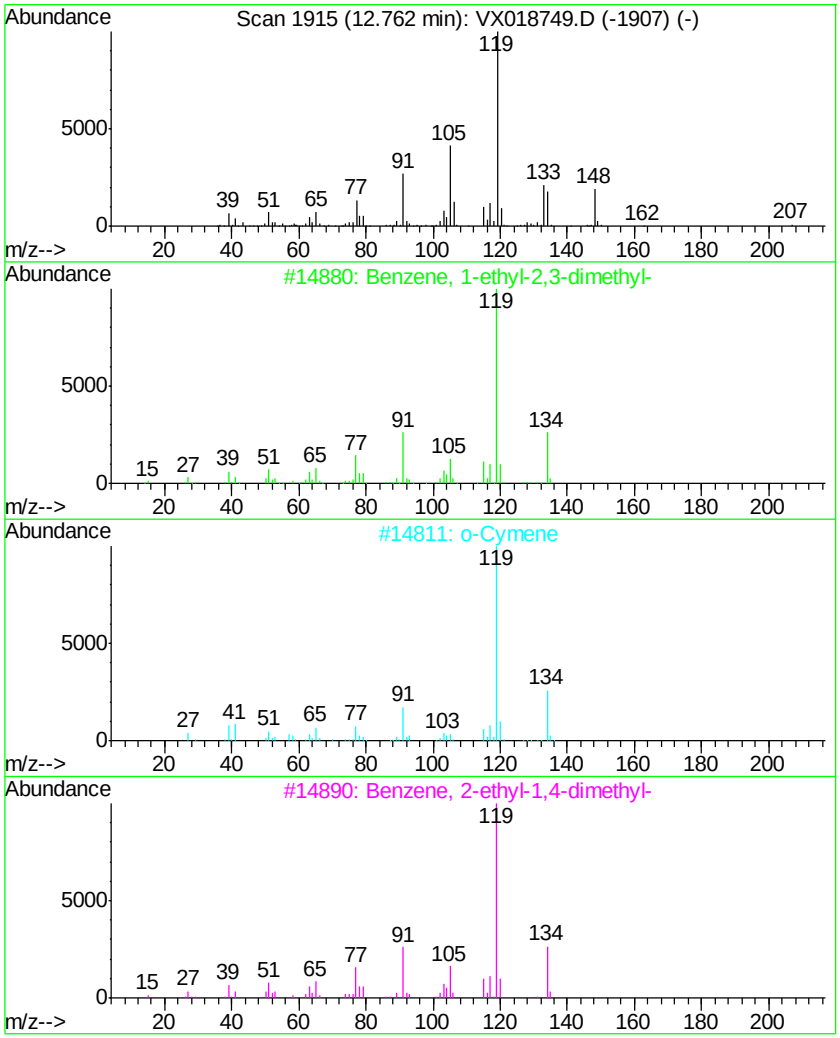
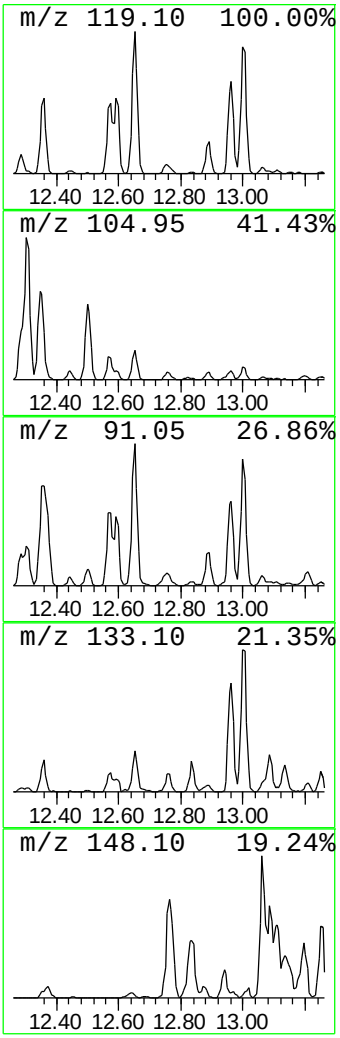
Peak Number 23 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	2.88 ug/L	407789	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2	o-Cymene	134	C10H14	000527-84-4	93
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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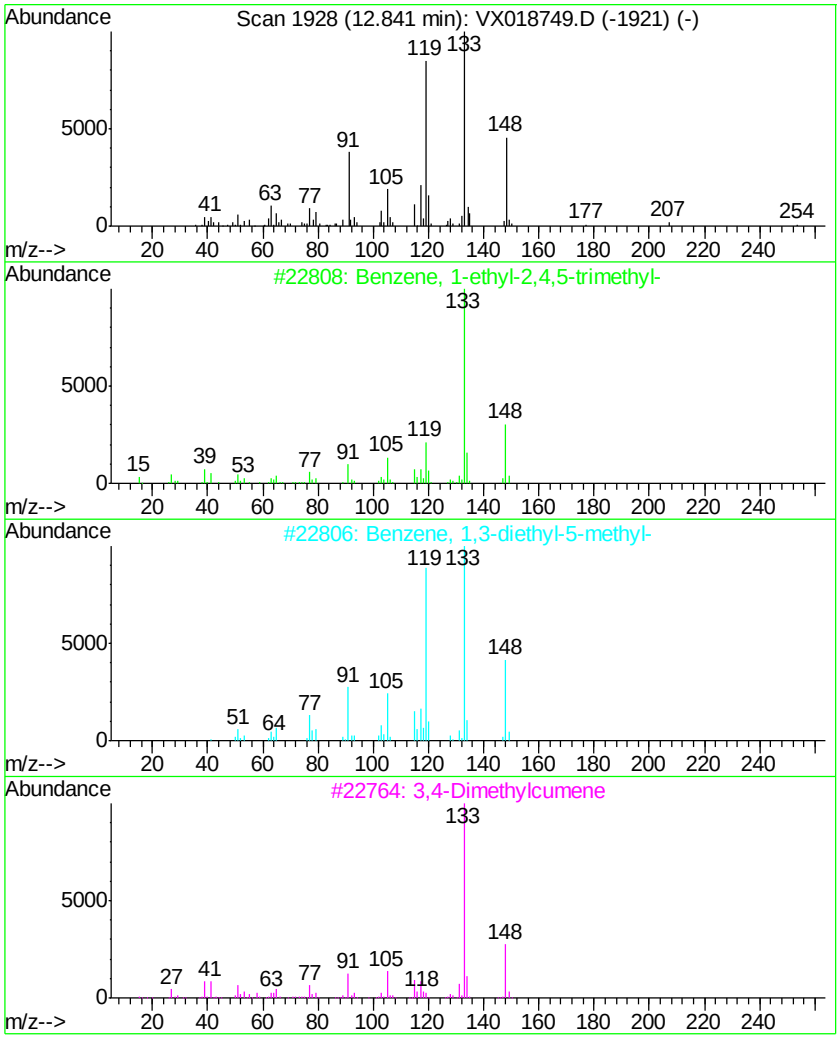
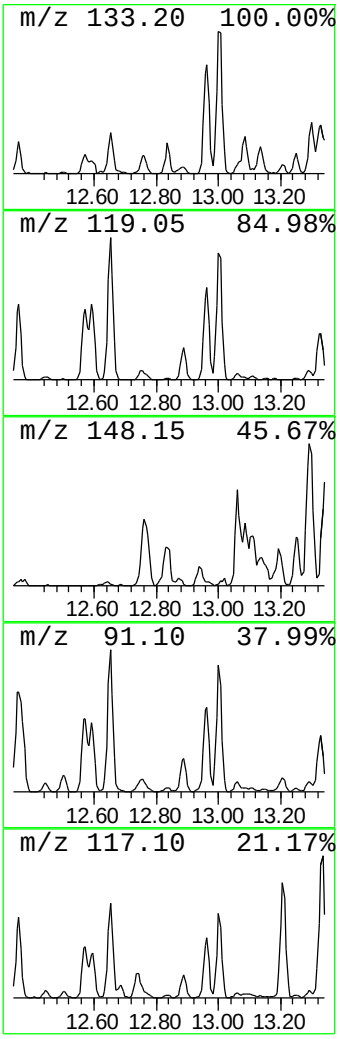
Peak Number 24 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	0.64 ug/L	90718	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	83
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	70
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	70
4	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	70
5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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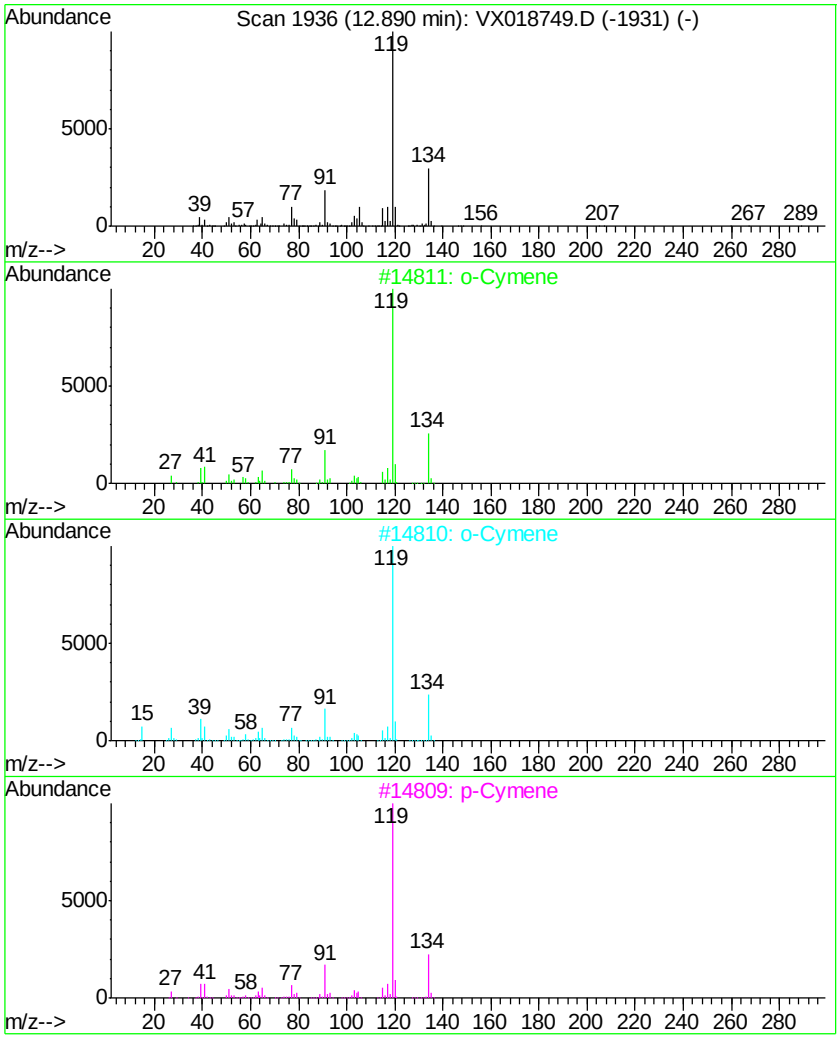
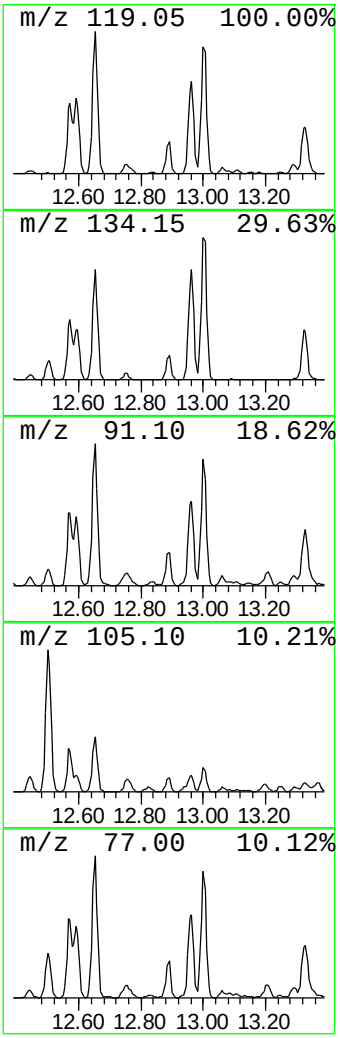
Peak Number 25 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	4.78 ug/L	676903	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	p-Cymene	134	C10H14	000099-87-6	97
4	o-Cymene	134	C10H14	000527-84-4	97
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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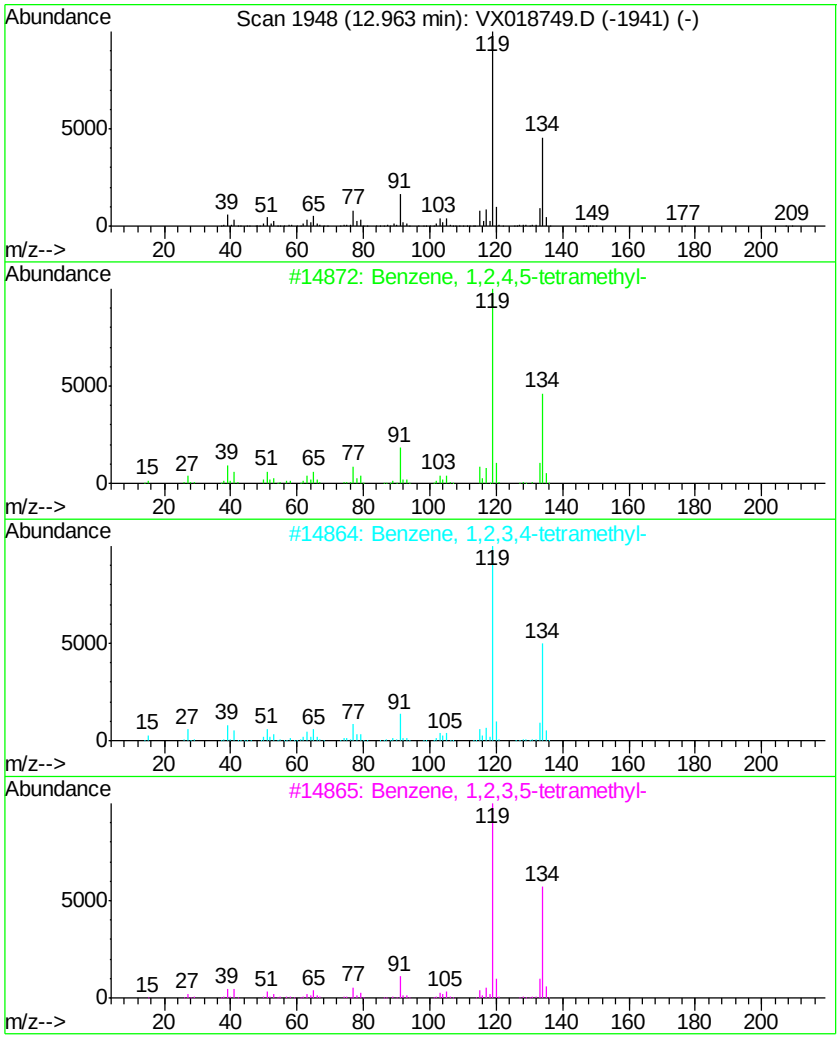
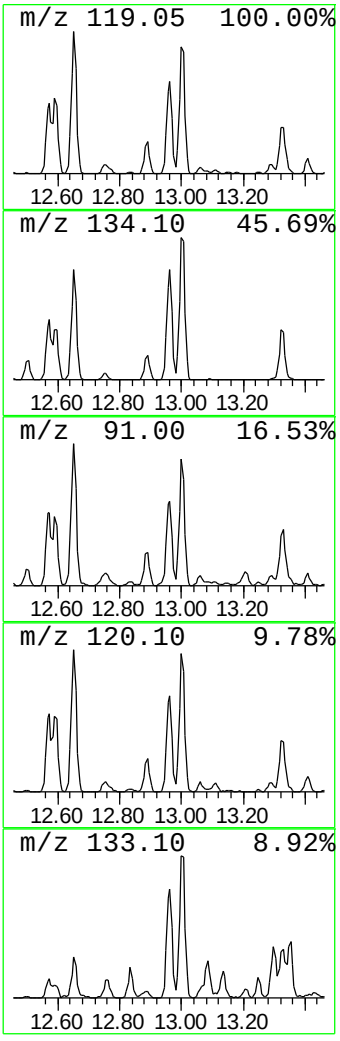
Peak Number 26 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	14.48 ug/L	2050490	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	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\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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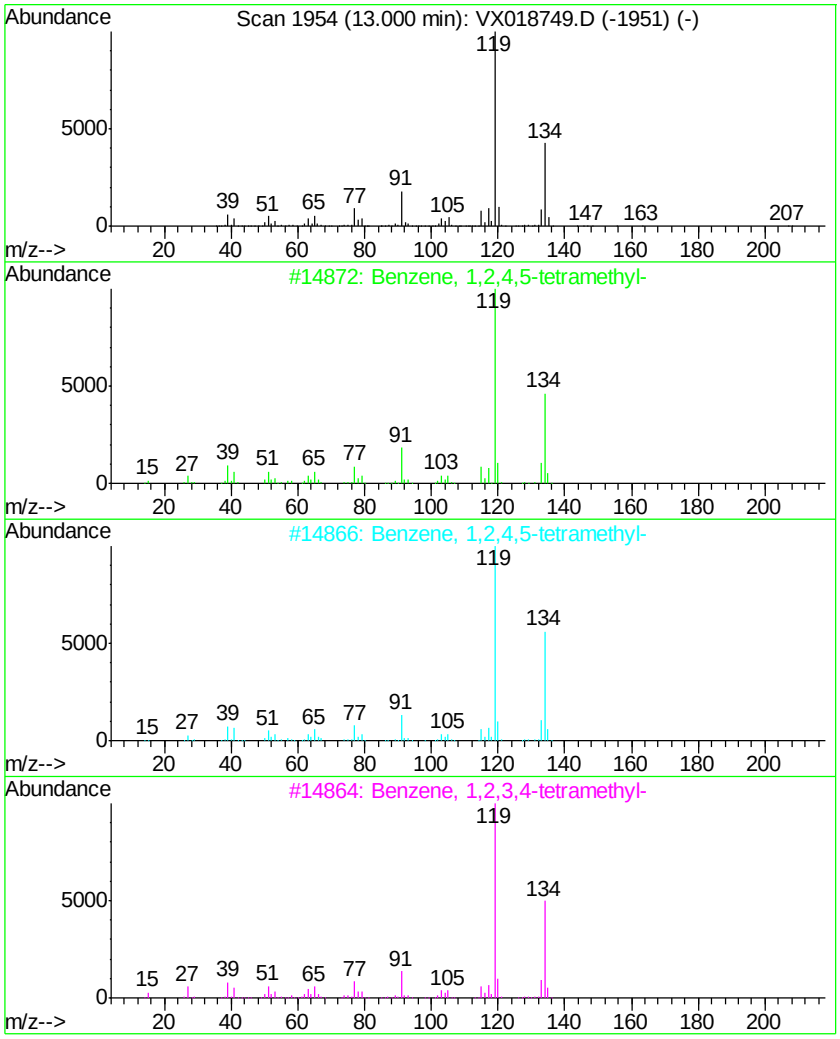
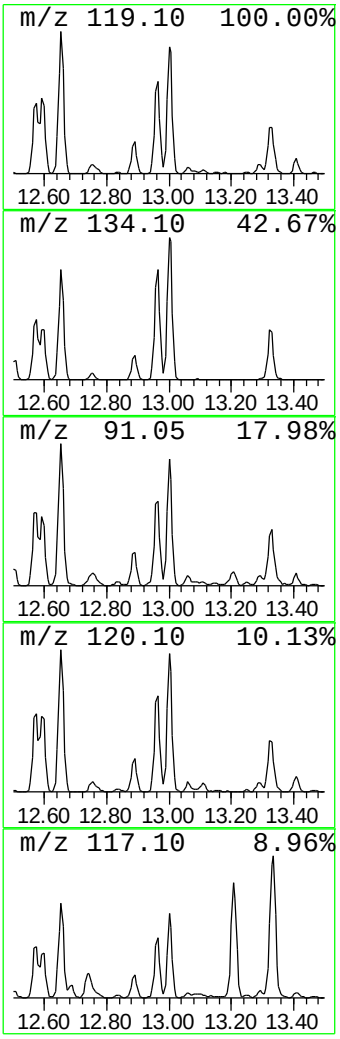
Peak Number 27 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	19.45 ug/L	2754210	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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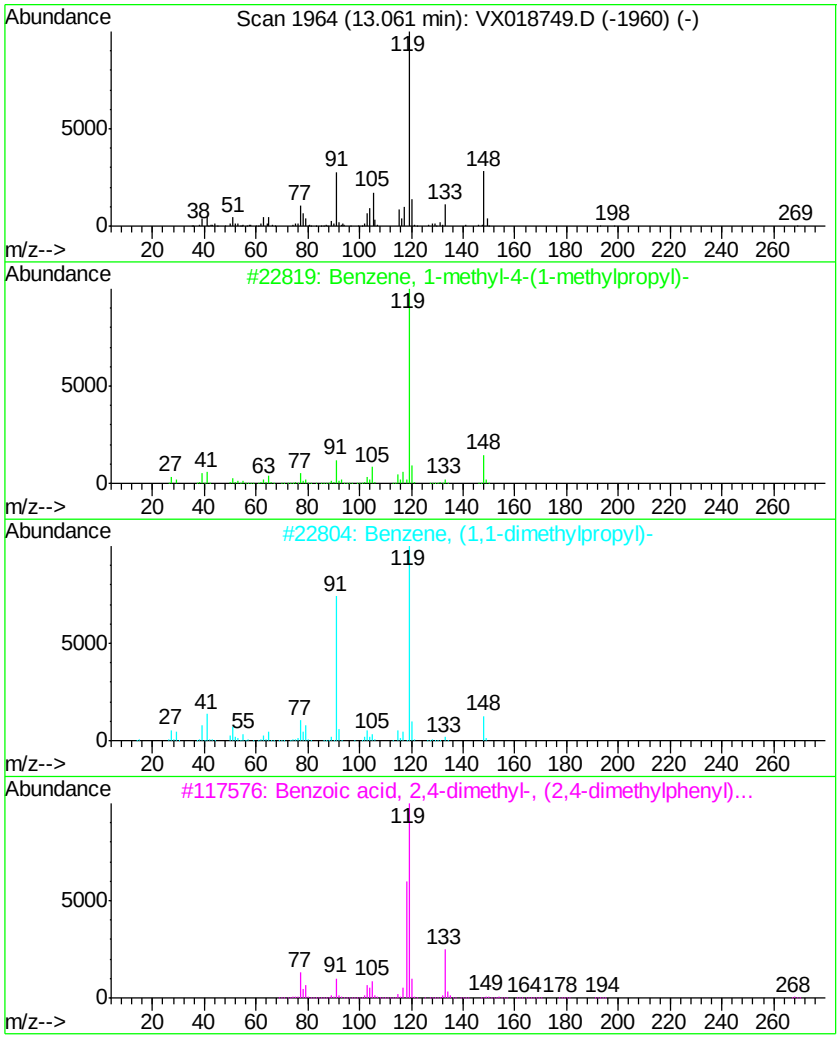
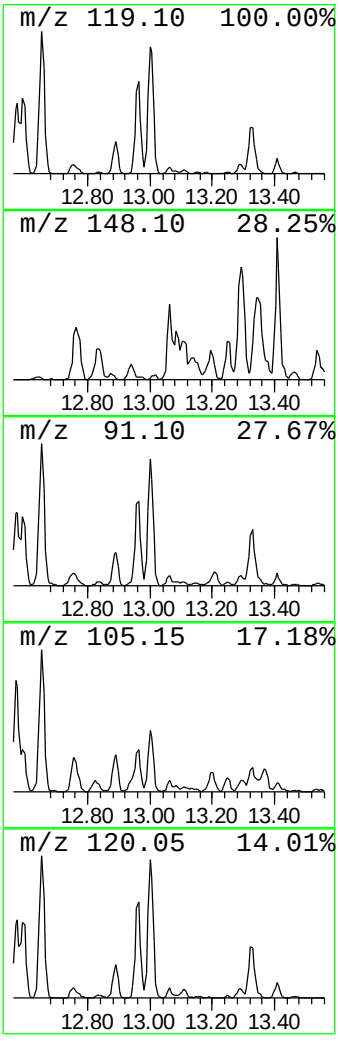
Peak Number 28 Benzene, 1-methyl-4-(1-meth... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	1.04 ug/L	147196	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	87
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
3	Benzoic acid, 2,4-dimethyl-, (2,...	268	C18H20O2	055000-43-6	59
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	59
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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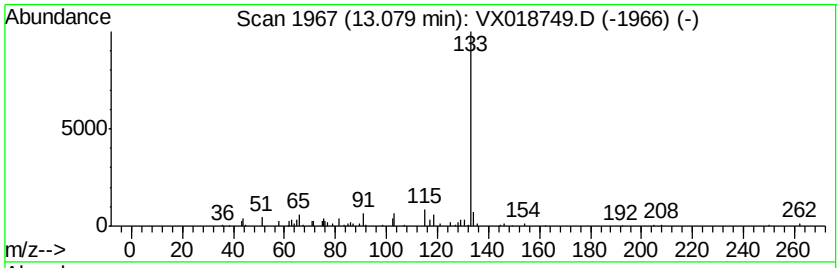
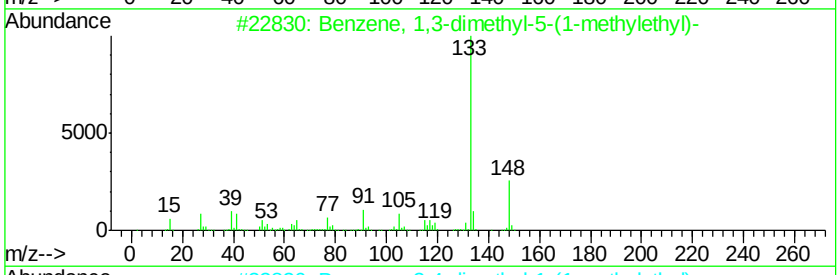
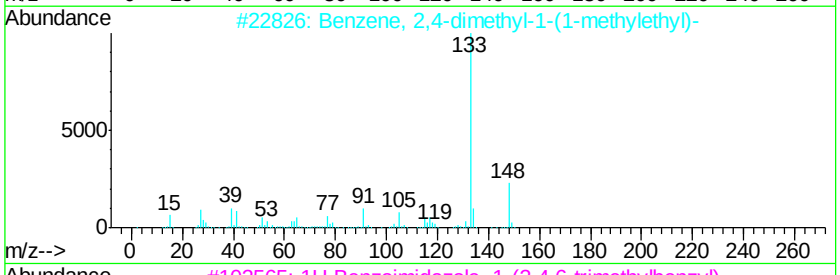
Peak Number 29 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 34

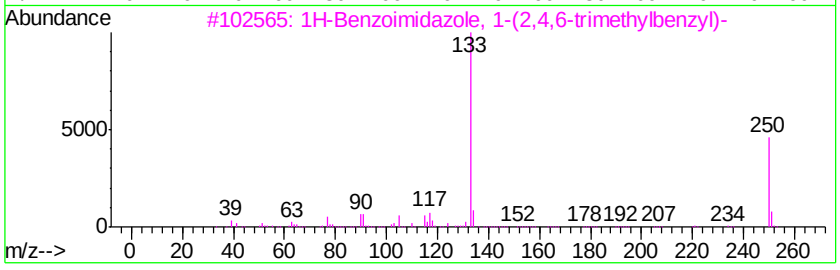
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	0.66 ug/L	93375	1,4-Dichlorobenzene-d4	12.06

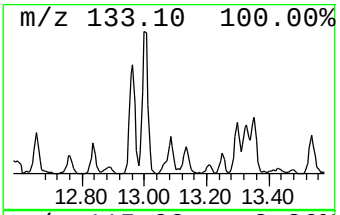
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	86
2	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	64
3	1H-Benzoimidazole, 1-(2,4,6-trim...	250	C17H18N2	1000304-77-7	64
4	Benzene, 1-isocyanato-3-methyl-	133	C8H7NO	000621-29-4	59
5	Oxalamide, N-(2-hydroxyethyl)-N'...	278	C14H18N2O4	1000304-26-2	50

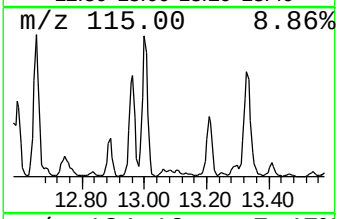


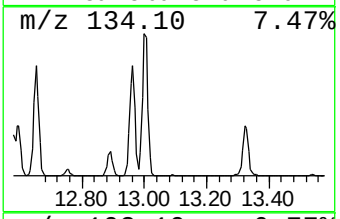


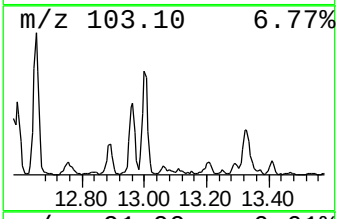


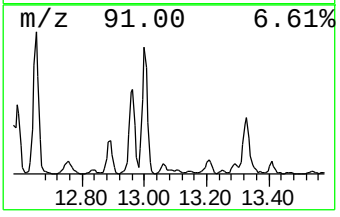












Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

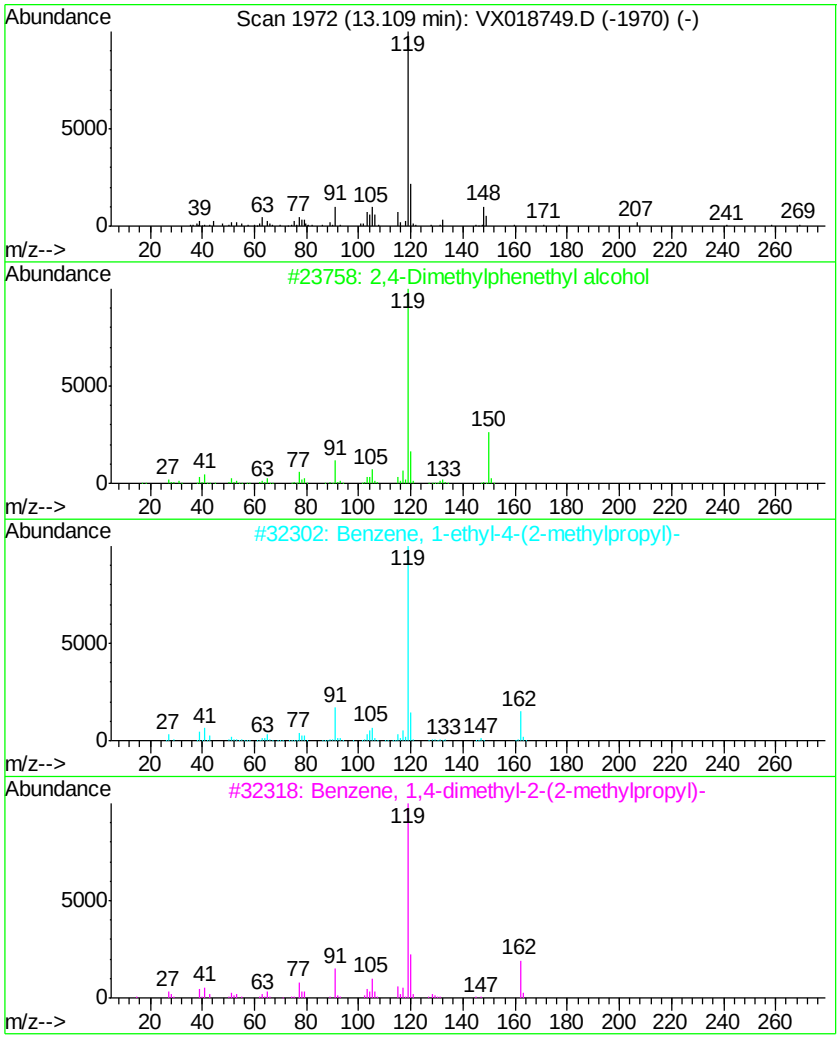
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

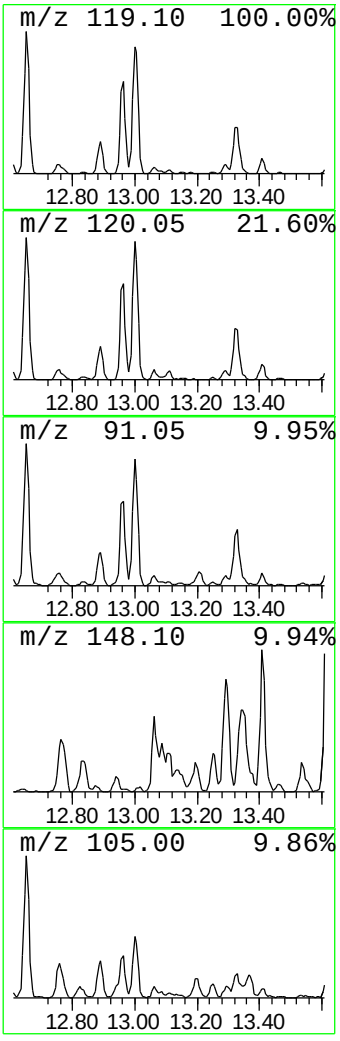
****

Peak Number 30 2,4-Dimethylphenethyl alcohol Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	0.55 ug/L	77303	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	72
2	Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	64
3	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	64
4	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	59
5	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

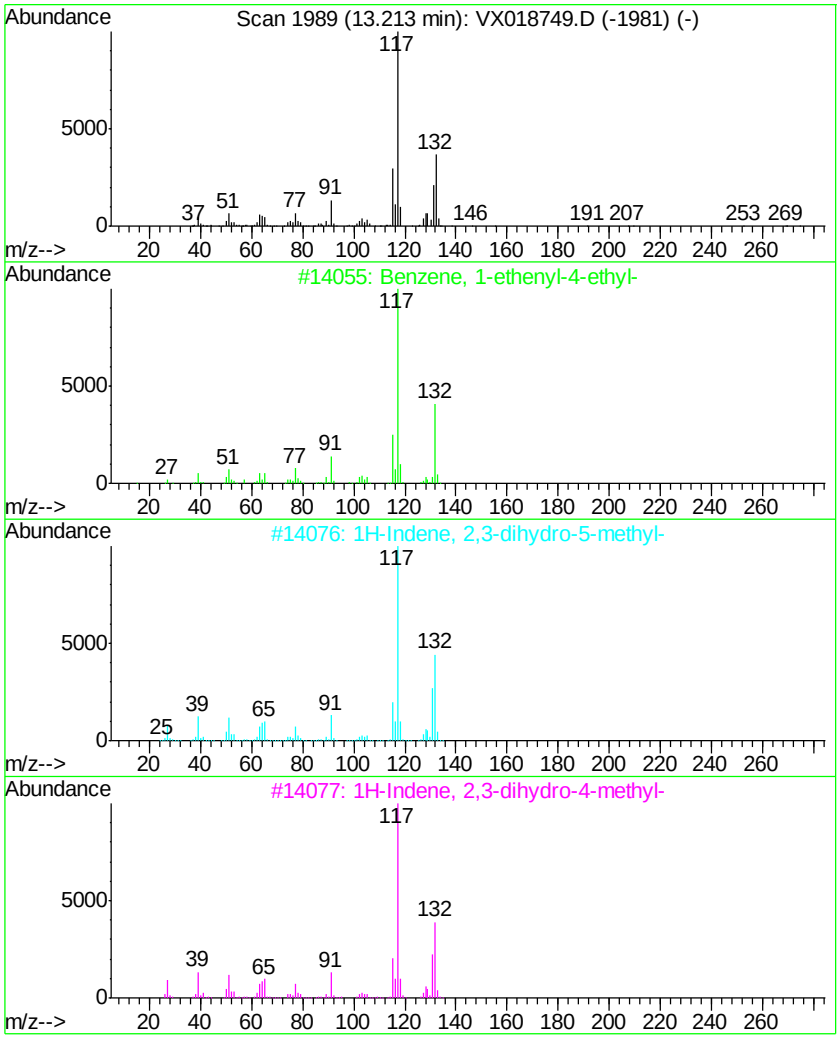
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

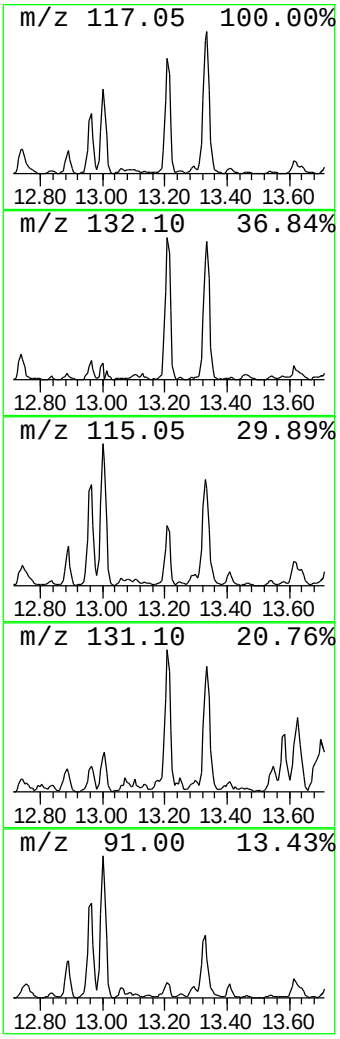
****

Peak Number 31 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	3.25 ug/L	460819	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	94
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

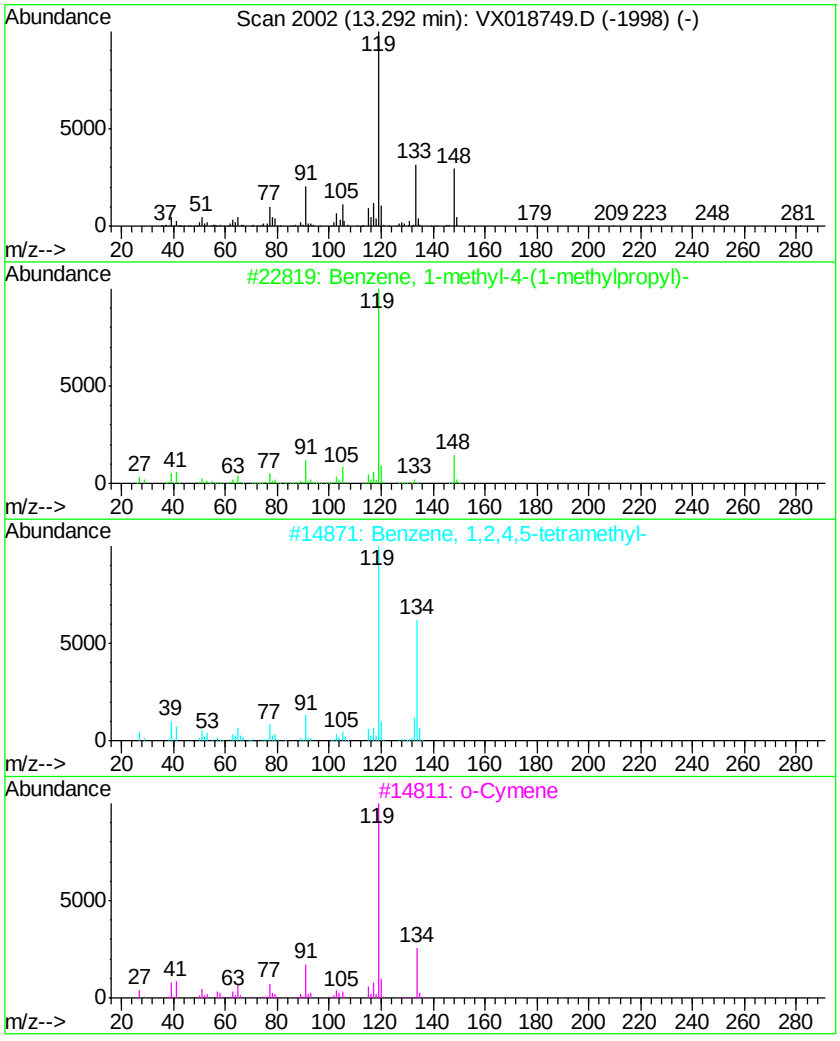
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

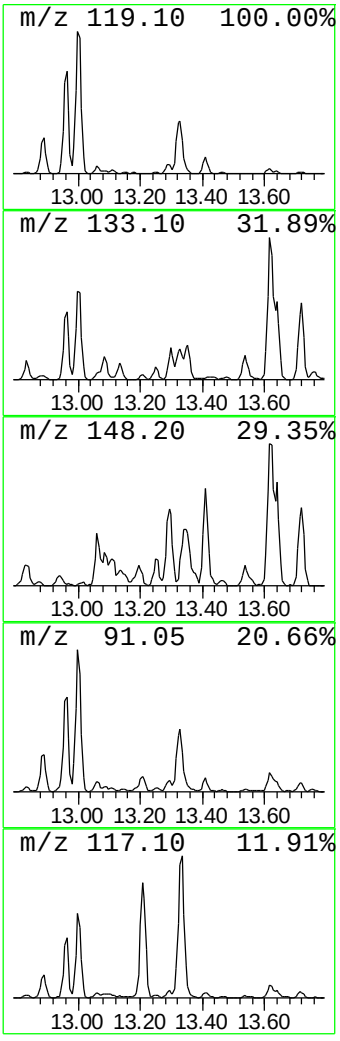
****

Peak Number 32 p-Cymene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	1.77 ug/L	251269	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	87
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
3	o-Cymene	134	C10H14	000527-84-4	70
4	p-Cymene	134	C10H14	000099-87-6	70
5	p-Cymene	134	C10H14	000099-87-6	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

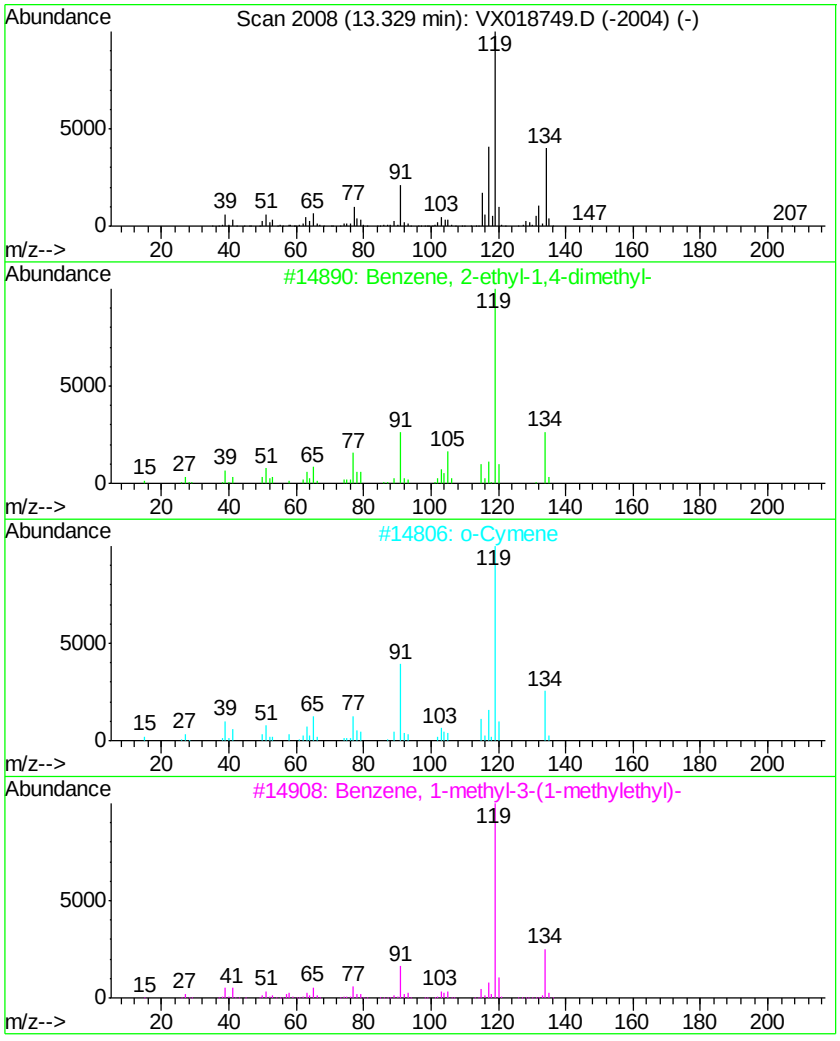
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

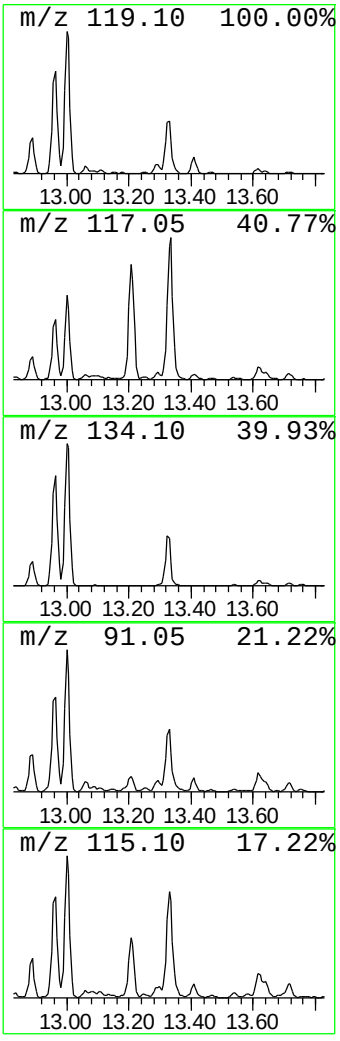
****

Peak Number 33 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	11.76 ug/L	1664840	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	76
2	o-Cymene	134	C10H14	000527-84-4	76
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

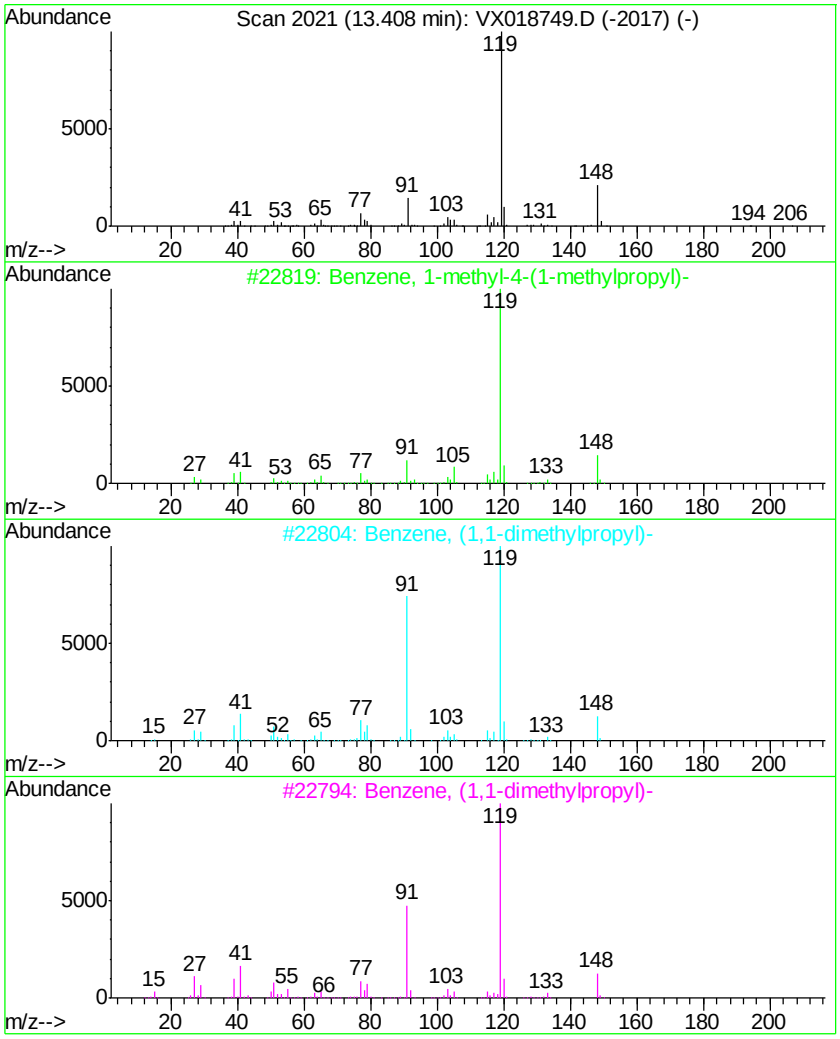
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

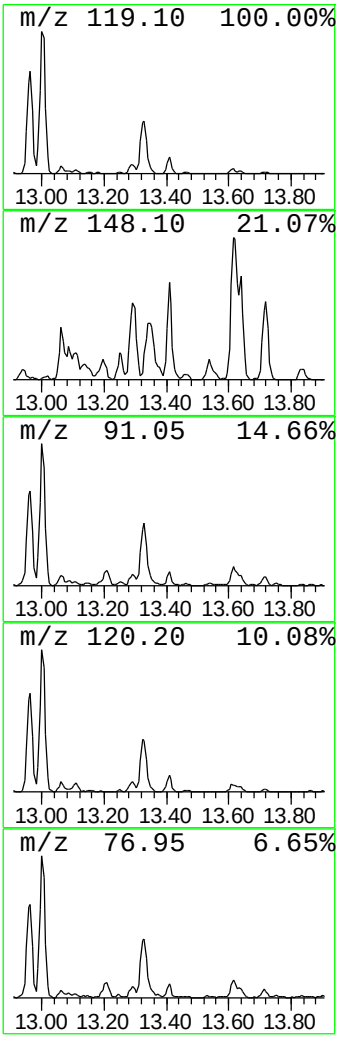
****

Peak Number 34 Benzene, (1,1-dimethylpropyl)- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	1.73 ug/L	244791	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	90
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	83
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	74
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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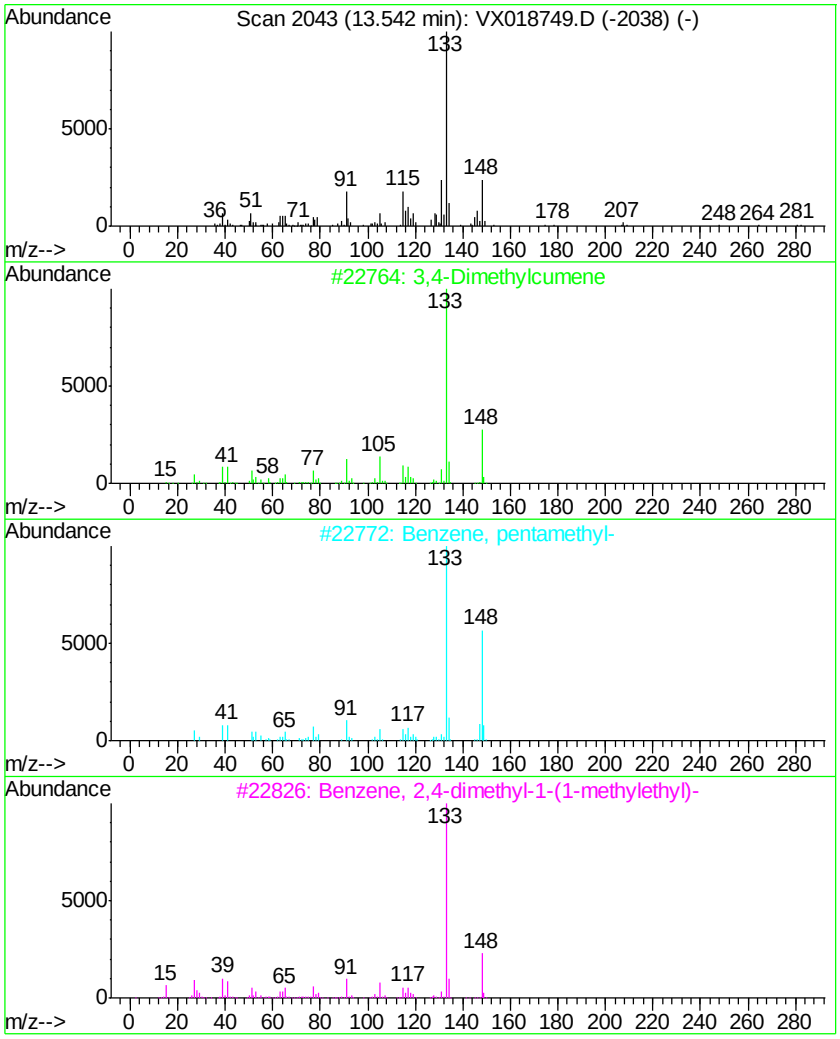
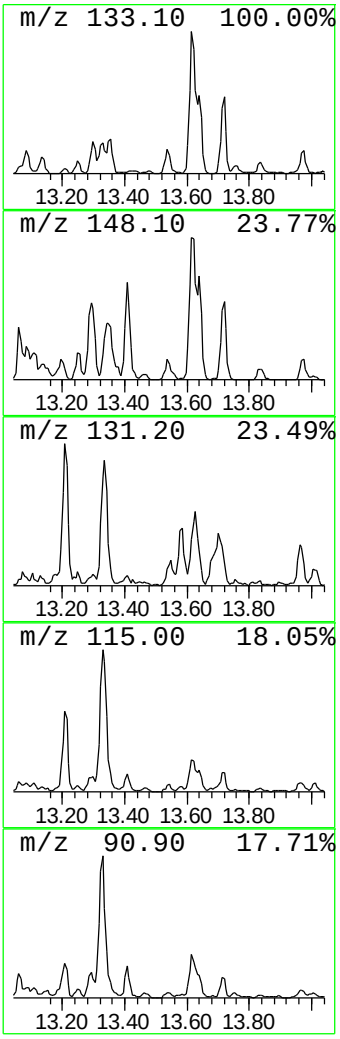
Peak Number 35 3,4-Dimethylcumene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	0.61 ug/L	86215	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	90
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
3	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	87
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

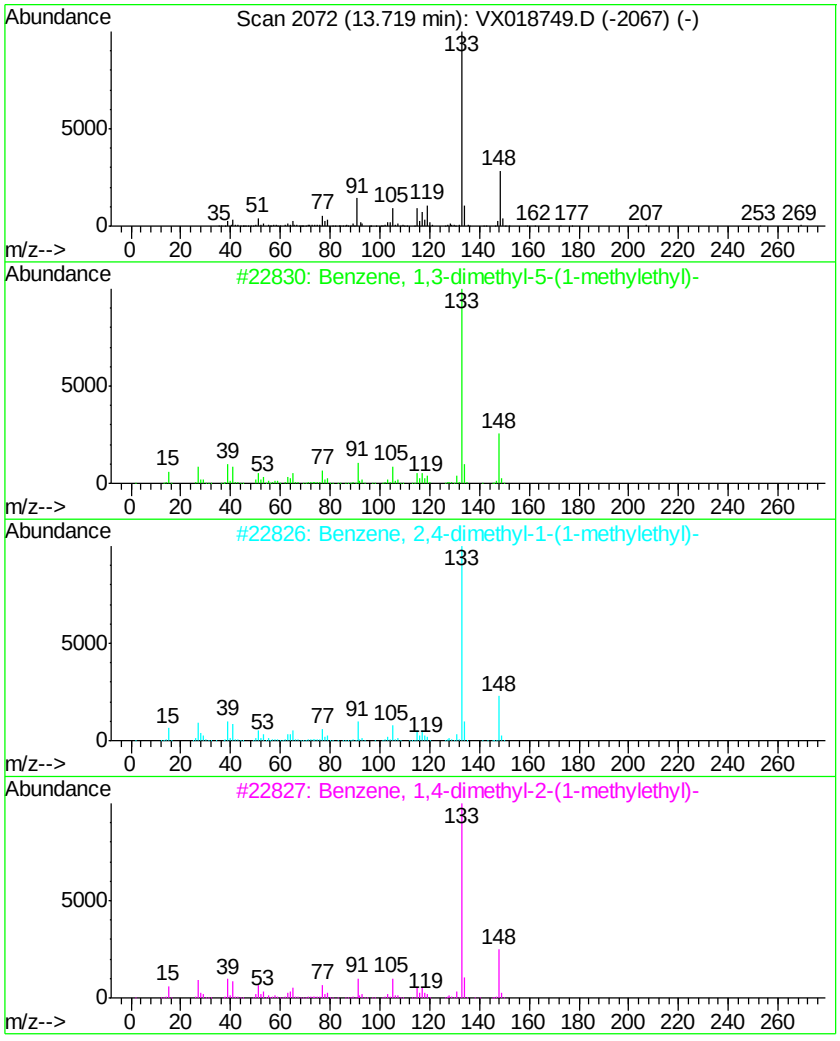
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

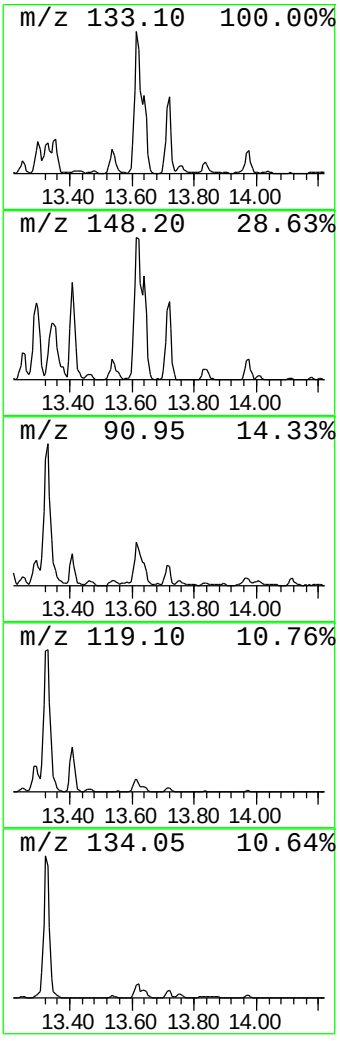
****

Peak Number 36 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	1.54 ug/L	218087	1,4-Dichlorobenzene-d4	12.06

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, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90
3	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	90
4	4-tert-Butyltoluene	148	C11H16	000098-51-1	87
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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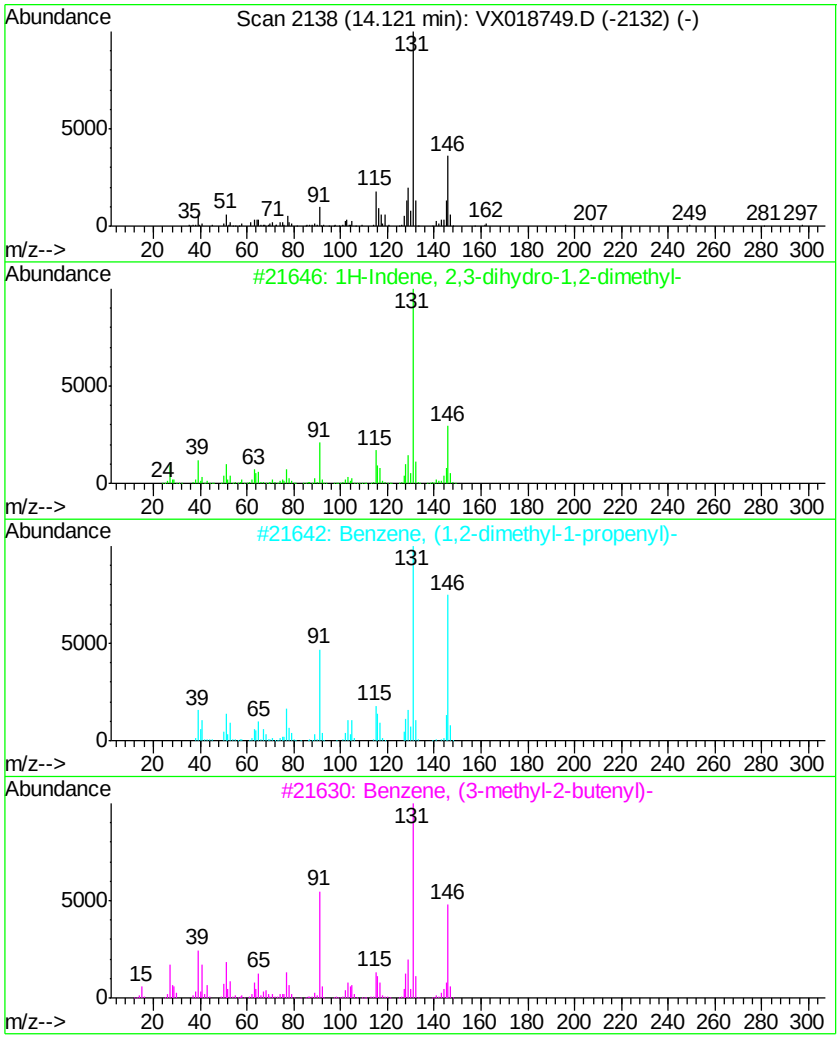
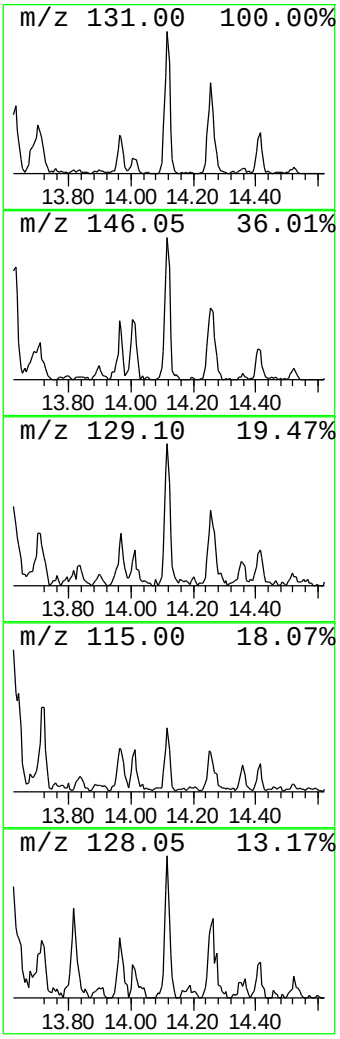
Peak Number 37 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	0.73 ug/L	103294	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	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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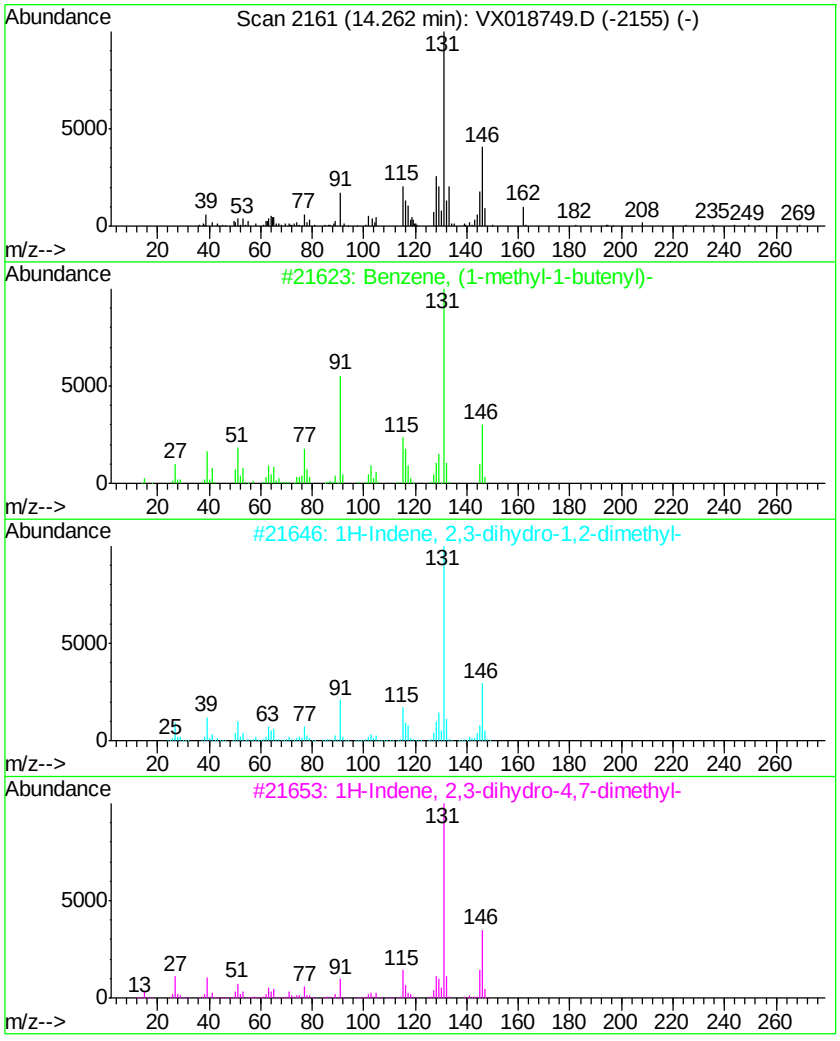
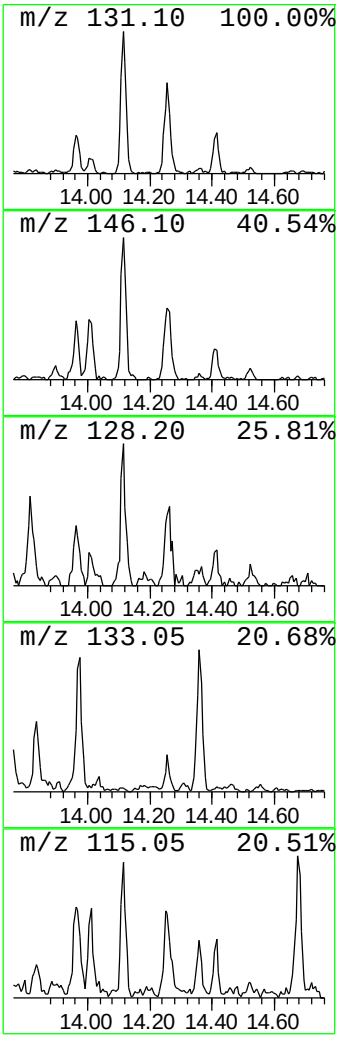
Peak Number 38 Benzene, (1-methyl-1-butenyl)- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	0.62 ug/L	87919	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
4	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	76
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018749.D
Acq On : 02 Oct 2020 15:51
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL 5X

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.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...	2.82	0.9	ug/L	77363	1	6.83	447455	5.0
(DEL) Alkane: Str...	2.87	8.1	ug/L	722818	1	6.83	447455	5.0
(DEL) Alkane: Str...	3.15	18.8	ug/L	1681570	1	6.83	447455	5.0
(DEL) Alkane: Str...	3.50	25.7	ug/L	2299720	1	6.83	447455	5.0
(DEL) Alkane: Str...	4.12	1.3	ug/L	117408	1	6.83	447455	5.0
(DEL) Alkane: Str...	4.28	1.1	ug/L	101536	1	6.83	447455	5.0
(DEL) Alkane: Cyc...	4.37	0.7	ug/L	62802	1	6.83	447455	5.0
Benzene, propyl-	11.34	5.5	ug/L	777880	3	12.06	707953	5.0
Benzene, 1-ethyl-...	11.42	11.0	ug/L	1552810	3	12.06	707953	5.0
Benzene, 1,2,3-tr...	11.49	6.6	ug/L	929167	3	12.06	707953	5.0
Benzene, 1-ethyl-...	11.65	1.6	ug/L	224022	3	12.06	707953	5.0
Mesitylene	11.79	11.5	ug/L	1628840	3	12.06	707953	5.0
Benzene, (2-methy...	11.90	1.1	ug/L	152374	3	12.06	707953	5.0
Oxirane, 2-methyl...	11.93	1.4	ug/L	192327	3	12.06	707953	5.0
Benzene, 1,2,4-tr...	12.13	0.9	ug/L	129260	3	12.06	707953	5.0
Benzene, 1-methyl...	12.30	13.2	ug/L	1862380	3	12.06	707953	5.0
Benzene, 1,2-diet...	12.44	1.0	ug/L	142370	3	12.06	707953	5.0
Benzene, 1-methyl...	12.50	4.1	ug/L	579063	3	12.06	707953	5.0
Benzene, 2-ethyl-...	12.57	12.9	ug/L	1824690	3	12.06	707953	5.0
o-Cymene	12.59	7.6	ug/L	1070040	3	12.06	707953	5.0
Benzene, 1-methyl...	12.65	19.3	ug/L	2734570	3	12.06	707953	5.0
Benzene, 1-ethyl-...	12.76	2.9	ug/L	407789	3	12.06	707953	5.0
Benzene, 1-ethyl-...	12.84	0.6	ug/L	90718	3	12.06	707953	5.0
unknown-01	12.89	4.8	ug/L	676903	3	12.06	707953	5.0
Benzene, 1,2,4,5-...	12.96	14.5	ug/L	2050490	3	12.06	707953	5.0
Benzene, 1,2,3,4-...	13.00	19.4	ug/L	2754210	3	12.06	707953	5.0
Benzene, 1-methyl...	13.06	1.0	ug/L	147196	3	12.06	707953	5.0
Benzene, 1,3-dime...	13.08	0.7	ug/L	93375	3	12.06	707953	5.0
2,4-Dimethylphene...	13.11	0.6	ug/L	77303	3	12.06	707953	5.0
Benzene, 1-etheny...	13.21	3.3	ug/L	460819	3	12.06	707953	5.0
p-Cymene	13.29	1.8	ug/L	251269	3	12.06	707953	5.0
unknown-02	13.33	11.8	ug/L	1664840	3	12.06	707953	5.0
Benzene, (1,1-dim...	13.41	1.7	ug/L	244791	3	12.06	707953	5.0
3,4-Dimethylcumene	13.54	0.6	ug/L	86215	3	12.06	707953	5.0
Benzene, 2,4-dime...	13.72	1.5	ug/L	218087	3	12.06	707953	5.0
1H-Indene, 2,3-di...	14.12	0.7	ug/L	103294	3	12.06	707953	5.0
Benzene, (1-methy...	14.26	0.6	ug/L	87919	3	12.06	707953	5.0