LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX100720\
Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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	1.160	9	12	19	rVB	165519	139726	6.63%	0.997%
2	1.380	44	48	57	rBV2	105074	164531	7.80%	1.174%
3	1.483	62	65	69	rVV	14628	25036	1.19%	0.179%
4	1.697	96	100	107	rVB	51527	62874	2.98%	0.449%
5	1.934	135	139	143	rBV	25123	34139	1.62%	0.244%
6	1.983	143	147	153	rVB	19630	27608	1.31%	0.197%
7	2.343	199	206	215	rBV2	115826	191058	9.06%	1.364%
8	3.501	388	396	405	rVB	14504	34058	1.61%	0.243%
9	4.312	519	529	542	rBV5	13542	45468	2.16%	0.325%
10	4.562	557	570	583	rBV	42957	193540	9.18%	1.381%
11	5.135	652	664	677	rBV2	71138	222583	10.55%	1.589%
12	6.043	800	813	824	rBV3	167586	487386	23.11%	3.478%
13	6.830	933	942	951	rBV2	146500	340516	16.15%	2.430%
14	7.208	994	1004	1014	rVB4	15932	45326	2.15%	0.323%
15	7.366	1020	1030	1040	rBV	107694	238896	11.33%	1.705%
16	7.635	1066	1074	1082	rBV	127970	257383	12.20%	1.837%
17	8.372	1189	1195	1203	rBV	62968	108831	5.16%	0.777%
18	8.531	1216	1221	1231	rVB4	12917	24674	1.17%	0.176%
19	8.695	1242	1248	1254	rBV	246784	385413	18.28%	2.751%
20	8.994	1292	1297	1302	rVB	44171	62532	2.97%	0.446%
21	9.317	1340	1350	1359	rBV2	297217	512982	24.32%	3.661%
22	9.427	1363	1368	1374	rBV	370922	534427	25.34%	3.814%
23	9.561	1382	1390	1403	rBV	1568902	2108922	100.00%	15.051%
24	10.098	1471	1478	1487	rVB	297216	414792	19.67%	2.960%
25	10.524	1544	1548	1555	rVB	16092	24294	1.15%	0.173%
26	10.622	1557	1564	1571	rBV	162862	251682	11.93%	1.796%
27	10.719	1576	1580	1587	rVV	49402	69047	3.27%	0.493%
28	10.805	1590	1594	1597	rVV	121589	151229	7.17%	1.079%
29	10.841	1597	1600	1604	rVV	53910	76185	3.61%	0.544%
30	10.896	1604	1609	1619	rVB	244873	330139	15.65%	2.356%
31	11.183	1652	1656	1659	rBV2	18969	23390	1.11%	0.167%
32	11.231	1659	1664	1671	rVB	122598	158444	7.51%	1.131%
33	11.463	1696	1702	1706	rBV2	56488	83151	3.94%	0.593%
34	11.512	1706	1710	1721	rVB4	14374	32180	1.53%	0.230%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX100720\
Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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	11.628	1721	1729	1732	rBV	198895	238556	11.31%	1.703%
36	11.695	1737	1740	1743	rBV2	20128	24372	1.16%	0.174%
37	11.762	1748	1751	1754	rVV	49066	58862	2.79%	0.420%
38	11.798	1754	1757	1761	rVB	47640	57536	2.73%	0.411%
39	11.878	1765	1770	1774	rBV	61020	79963	3.79%	0.571%
40	11.963	1780	1784	1792	rVV	433351	517918	24.56%	3.696%
41	12.061	1795	1800	1808	rVB	353417	456537	21.65%	3.258%
42	12.256	1827	1832	1842	rBV	820146	1048987	49.74%	7.487%
43	12.359	1842	1849	1854	rVB	316374	407057	19.30%	2.905%
44	12.506	1867	1873	1878	rVB7	11110	26151	1.24%	0.187%
45	12.628	1885	1893	1899	rBV3	56005	87817	4.16%	0.627%
46	12.804	1918	1922	1931	rBV	183843	260543	12.35%	1.859%
47	12.890	1931	1936	1945	rBV	1554566	1805850	85.63%	12.888%
48	13.201	1983	1987	1991	rVV	76762	92812	4.40%	0.662%
49	13.292	1998	2002	2005	rBV	34394	47958	2.27%	0.342%
50	13.390	2011	2018	2023	rVB4	29393	59903	2.84%	0.428%
51	13.457	2023	2029	2033	rBV4	68267	107463	5.10%	0.767%
52	13.512	2033	2038	2043	rVB6	25188	48355	2.29%	0.345%
53	13.640	2054	2059	2069	rVB4	43509	86963	4.12%	0.621%
54	13.725	2069	2073	2077	rBV	142688	169526	8.04%	1.210%
55	13.786	2080	2083	2087	rBV3	21578	29431	1.40%	0.210%
56	13.951	2107	2110	2117	rVB7	23673	37463	1.78%	0.267%
57	14.231	2149	2156	2160	rBV7	12777	28732	1.36%	0.205%
58	14.298	2160	2167	2171	rBV	224307	269581	12.78%	1.924%
59	14.493	2196	2199	2205	rVB4	24901	31965	1.52%	0.228%
60	15.042	2284	2289	2294	rBV	52769	68835	3.26%	0.491%

Sum of corrected areas: 14011578

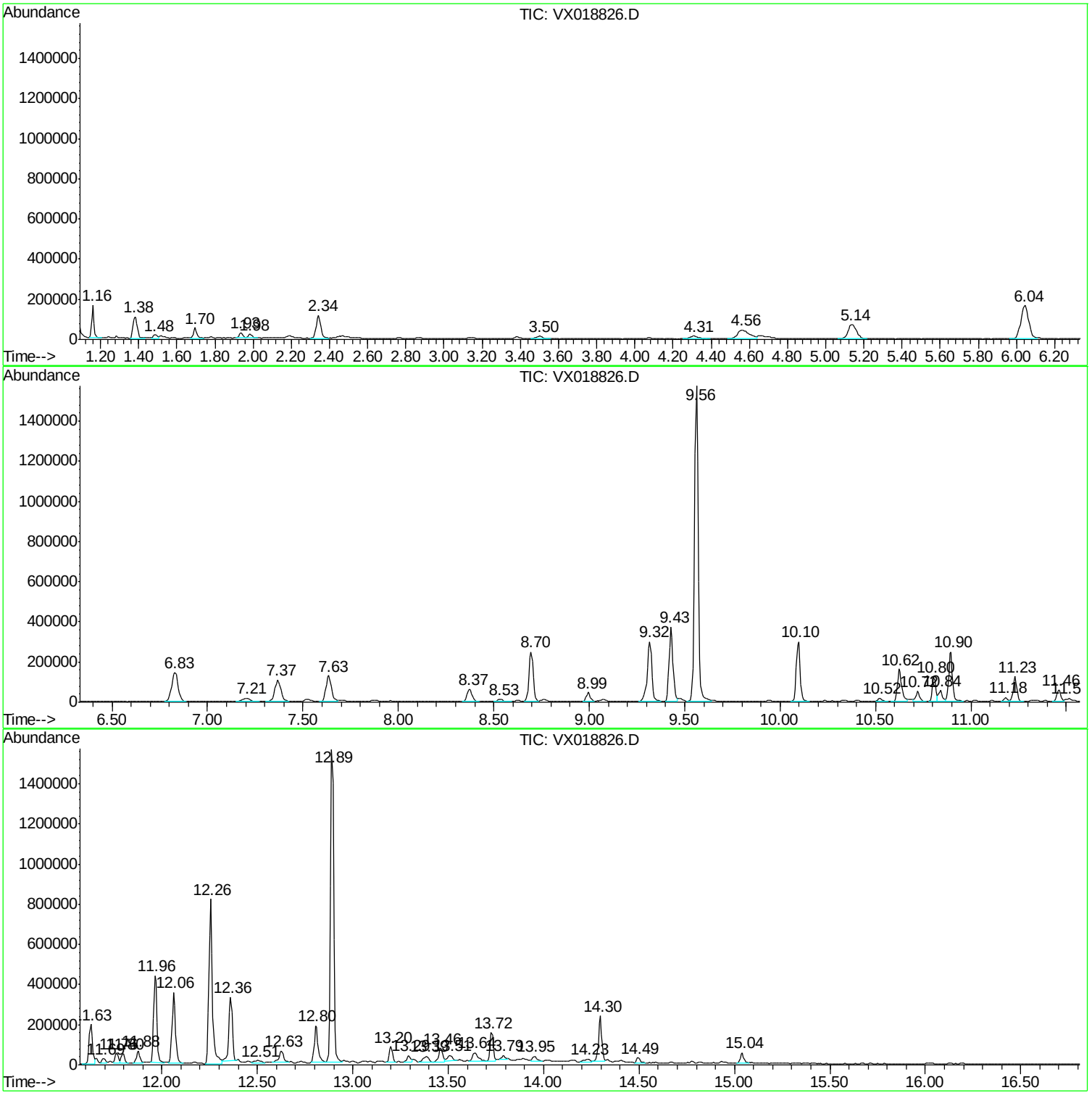
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX100720\
Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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\VX100720\
Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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

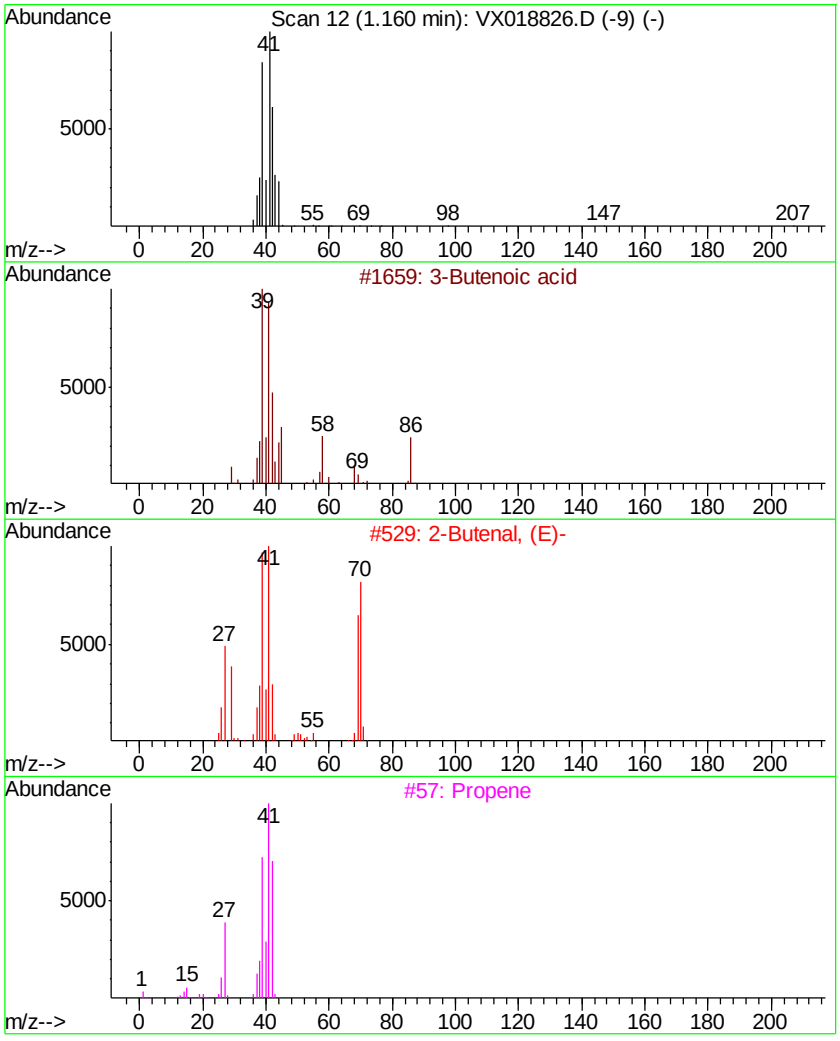
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

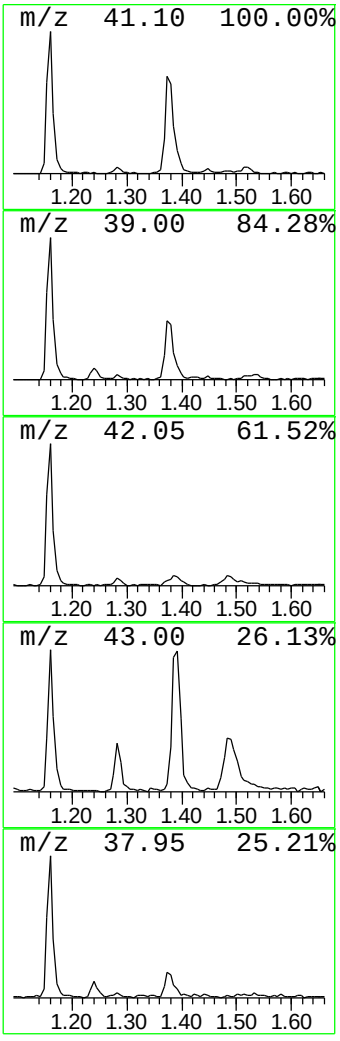
****

Peak Number 1 3-Butenoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.16	2.05 ug/L	139726	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Butenoic acid	86	C4H6O2	000625-38-7	78
2	2-Butenal, (E)-	70	C4H6O	000123-73-9	78
3	Propene	42	C3H6	000115-07-1	72
4	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	64
5	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX100720\
Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

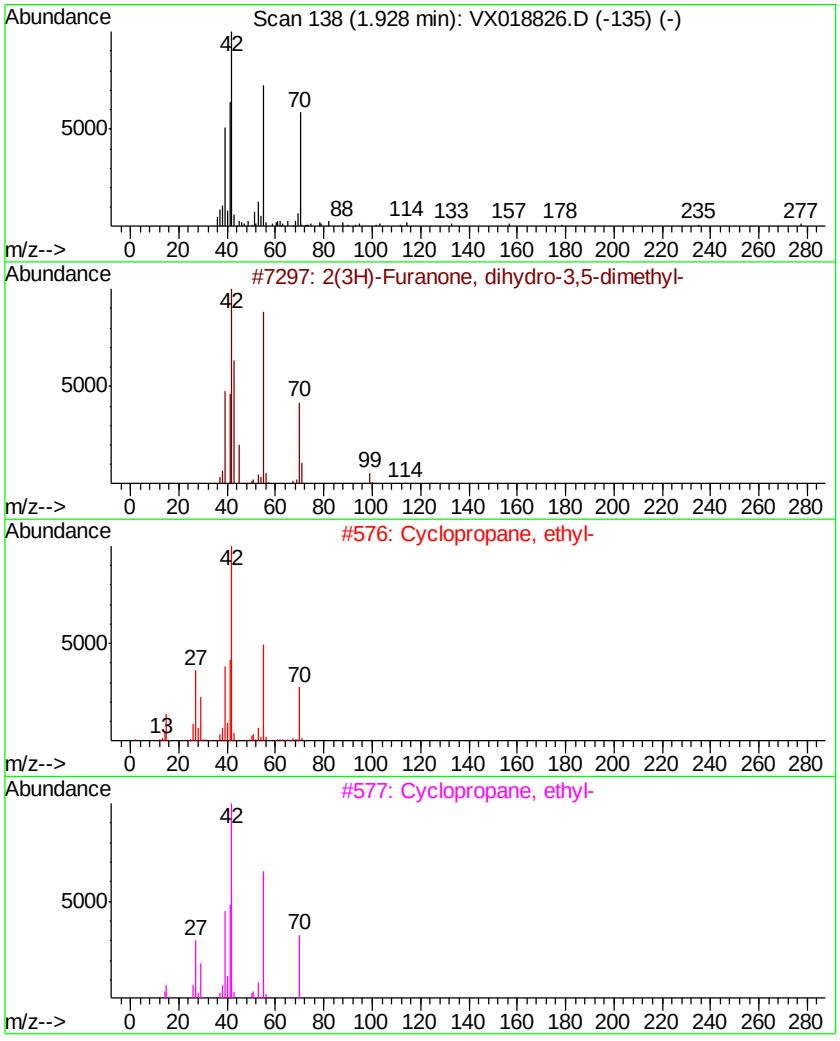
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

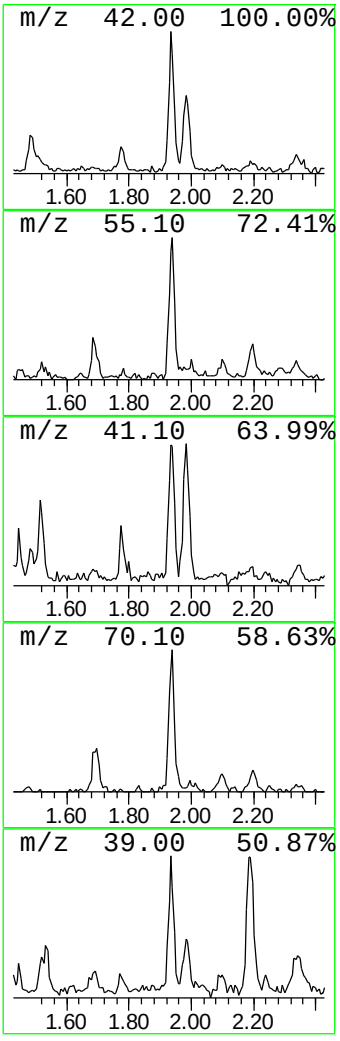
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2(3H)-Furanone, dihydro-3,5... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.93	0.50 ug/L	34139	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, dihydro-3,5-dime...	114	C6H10O2	005145-01-7	74
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	64
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	59
4	1-Pentene	70	C5H10	000109-67-1	58
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX100720\
Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

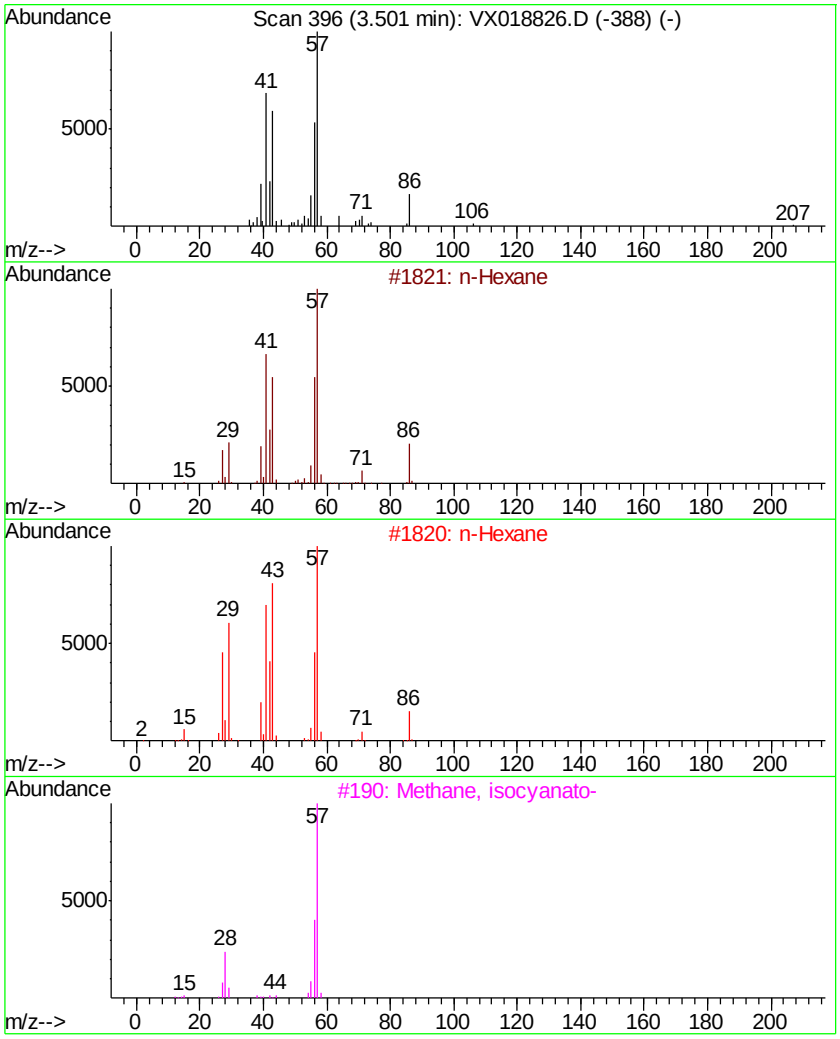
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

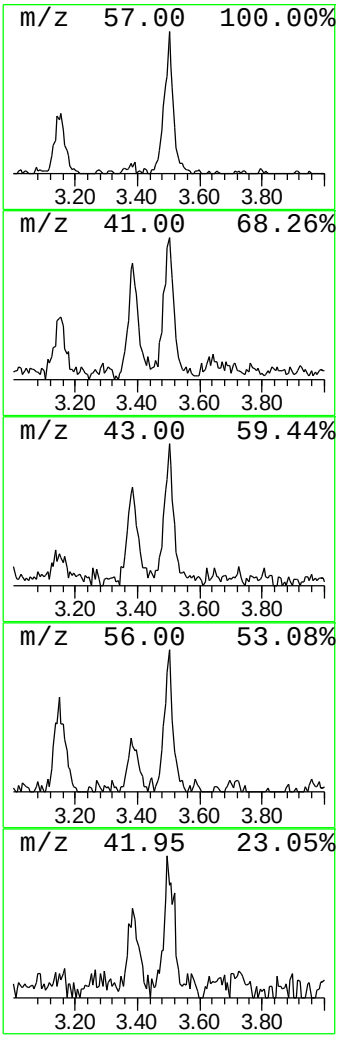
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.50	0.50 ug/L	34058	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	74
2	n-Hexane	86	C6H14	000110-54-3	64
3	Methane, isocvanato-	57	C2H3NO	000624-83-9	47
4	n-Hexane	86	C6H14	000110-54-3	43
5	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	40





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX100720\
Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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

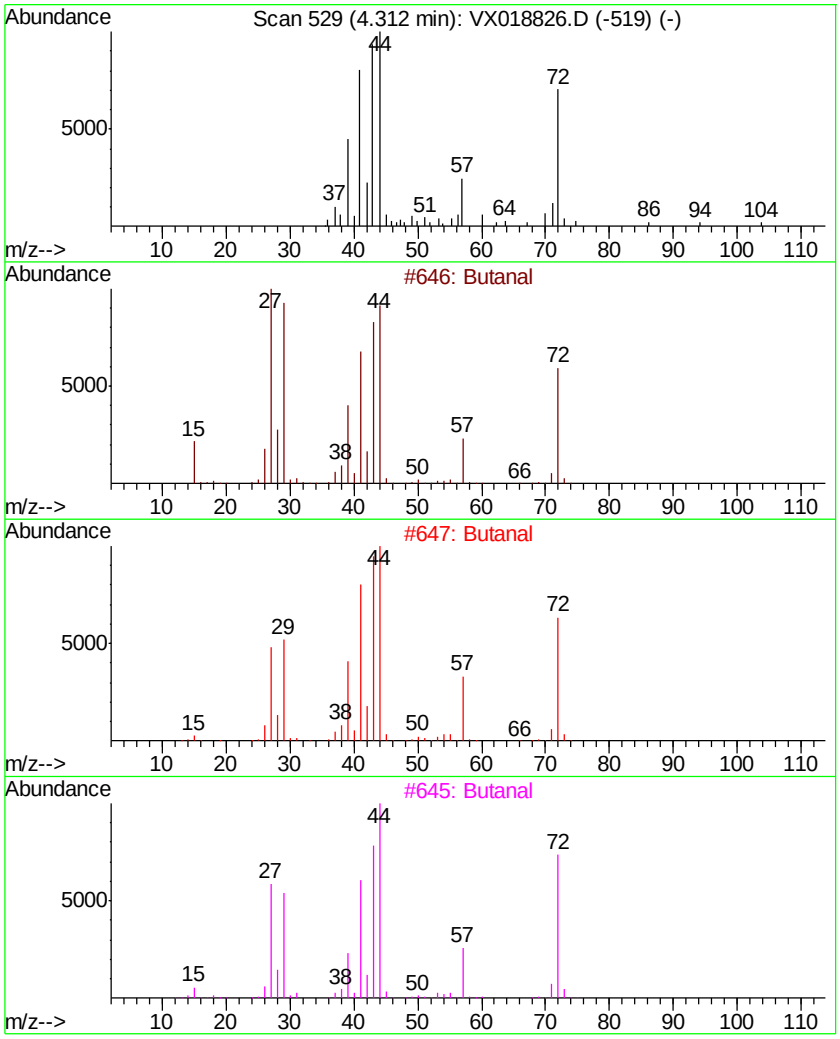
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

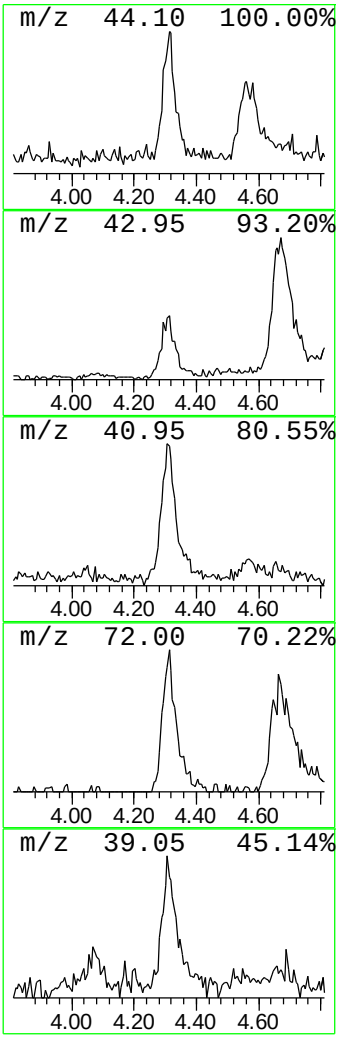
****

Peak Number 4 Butanal Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.31	0.67 ug/L	45468	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	90
2	Butanal	72	C4H8O	000123-72-8	64
3	Butanal	72	C4H8O	000123-72-8	49
4	Urea, formyltrimethyl-	130	C5H10N2O2	1000151-45-7	47
5	Butanal	72	C4H8O	000123-72-8	46





Library Search Compound Report

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Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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

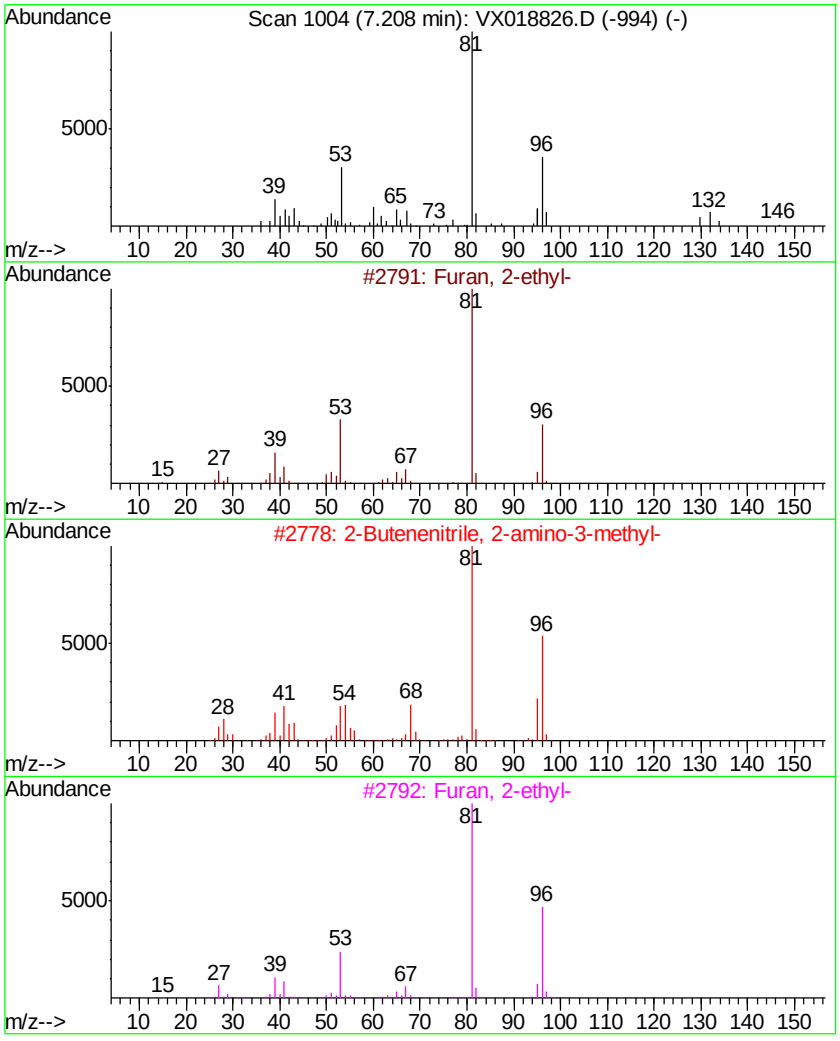
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

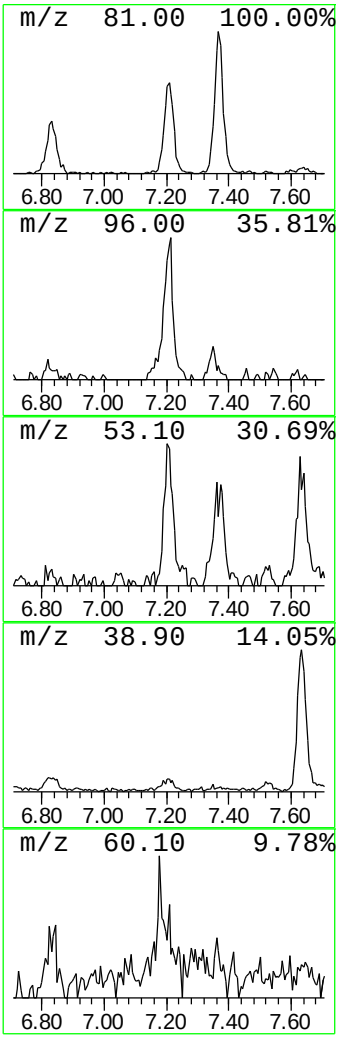
****

Peak Number 5 Furan, 2-ethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	0.67 ug/L	45326	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-ethyl-	96	C6H8O	003208-16-0	81
2	2-Butenenitrile, 2-amino-3-methyl-	96	C5H8N2	1000196-28-0	59
3	Furan, 2-ethyl-	96	C6H8O	003208-16-0	53
4	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	53
5	1,4-Hexadiene, 5-methyl-	96	C7H12	000763-88-2	53





Library Search Compound Report

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Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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

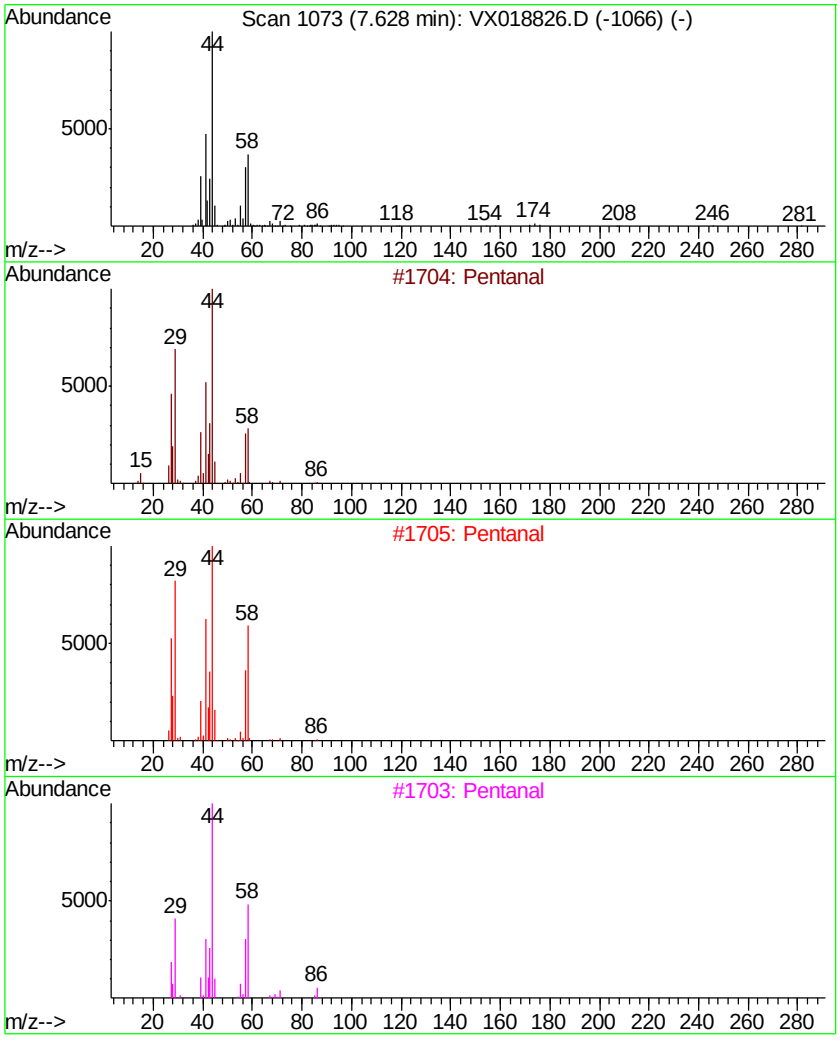
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

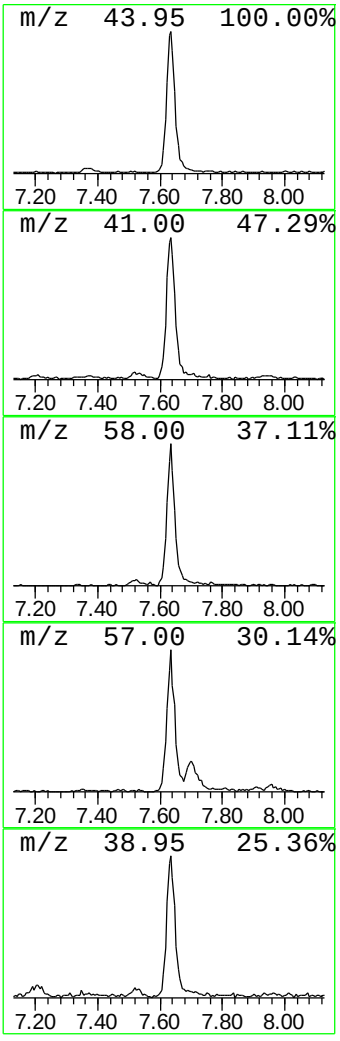
****

Peak Number 6 Pentanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	3.78 ug/L	257383	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	86
2	Pentanal	86	C5H10O	000110-62-3	86
3	Pentanal	86	C5H10O	000110-62-3	64
4	Butanal, 3-methyl-	86	C5H10O	000590-86-3	50
5	Butanal, 3-methyl-	86	C5H10O	000590-86-3	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX100720\
Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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

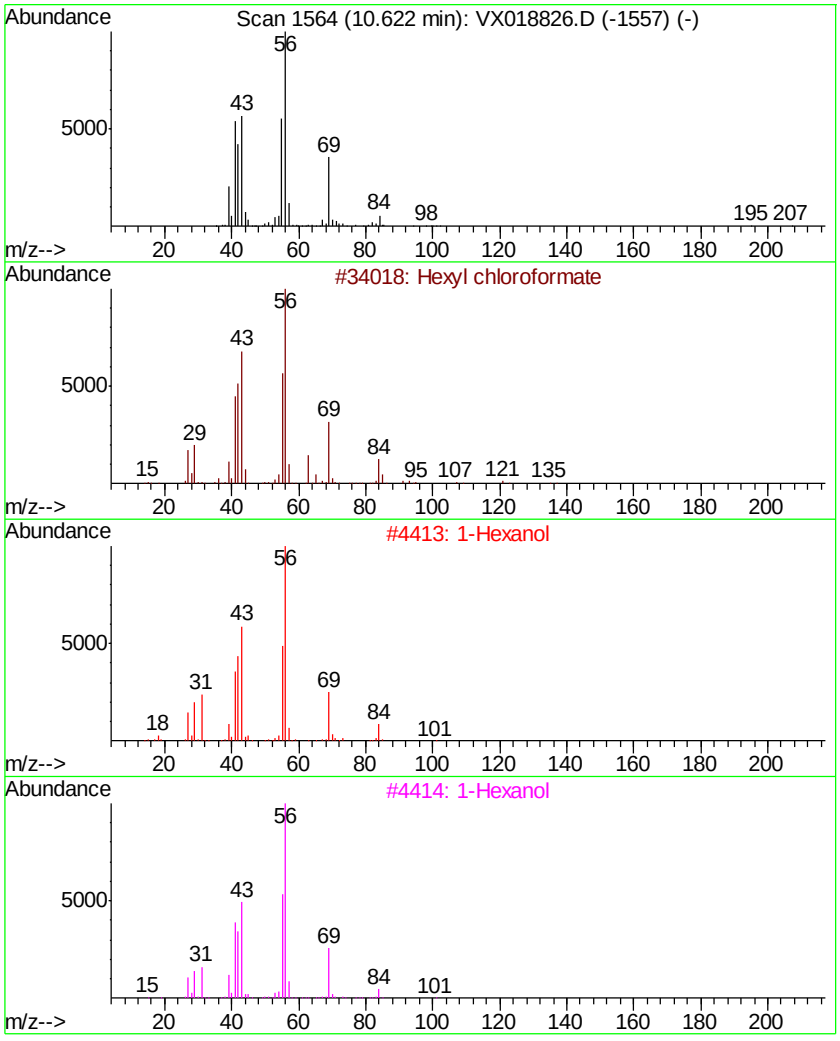
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

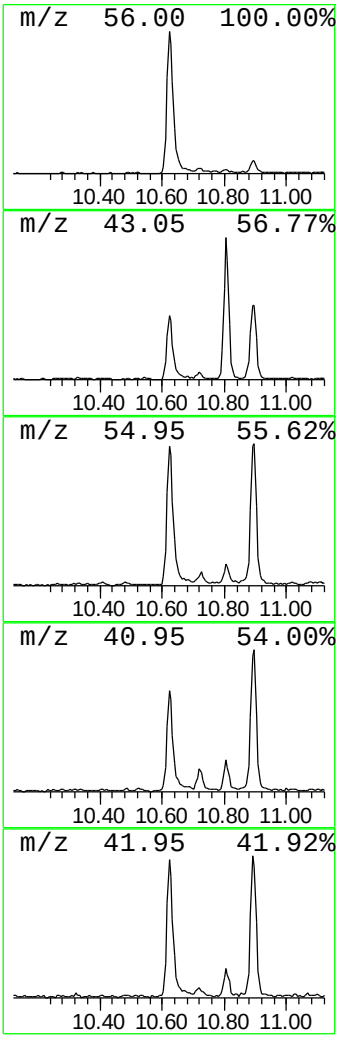
****

Peak Number 8 Hexyl chloroformate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	3.03 ug/L	251682	Chlorobenzene-d5	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexyl chloroformate	164	C7H13ClO2	006092-54-2	86
2	1-Hexanol	102	C6H14O	000111-27-3	83
3	1-Hexanol	102	C6H14O	000111-27-3	83
4	1-Hexanol	102	C6H14O	000111-27-3	83
5	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX100720\
Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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

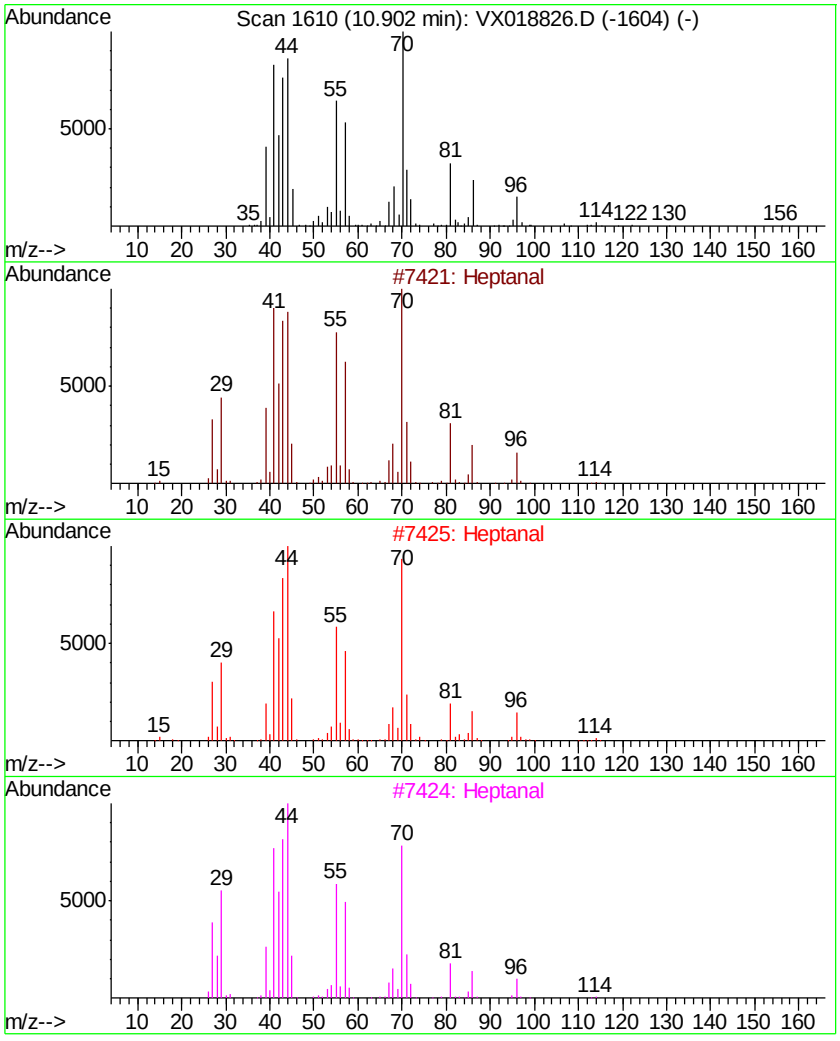
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

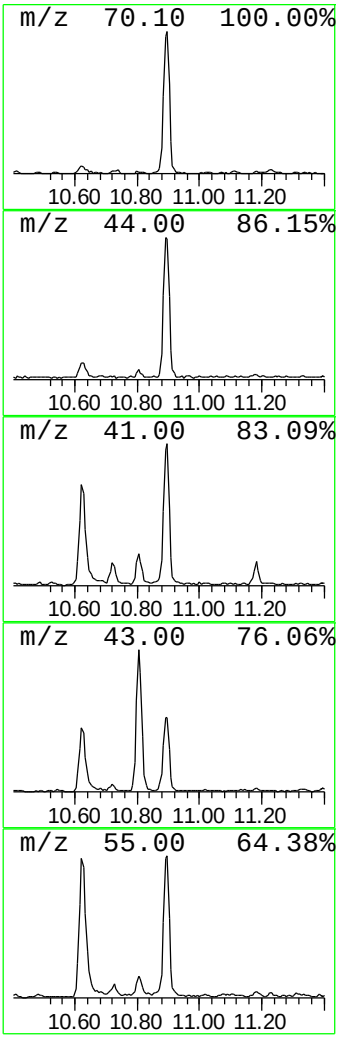
****

Peak Number 9 Heptanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	3.98 ug/L	330139	Chlorobenzene-d5	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	98
2	Heptanal	114	C7H14O	000111-71-7	96
3	Heptanal	114	C7H14O	000111-71-7	90
4	Heptanal	114	C7H14O	000111-71-7	83
5	Heptanal	114	C7H14O	000111-71-7	83





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Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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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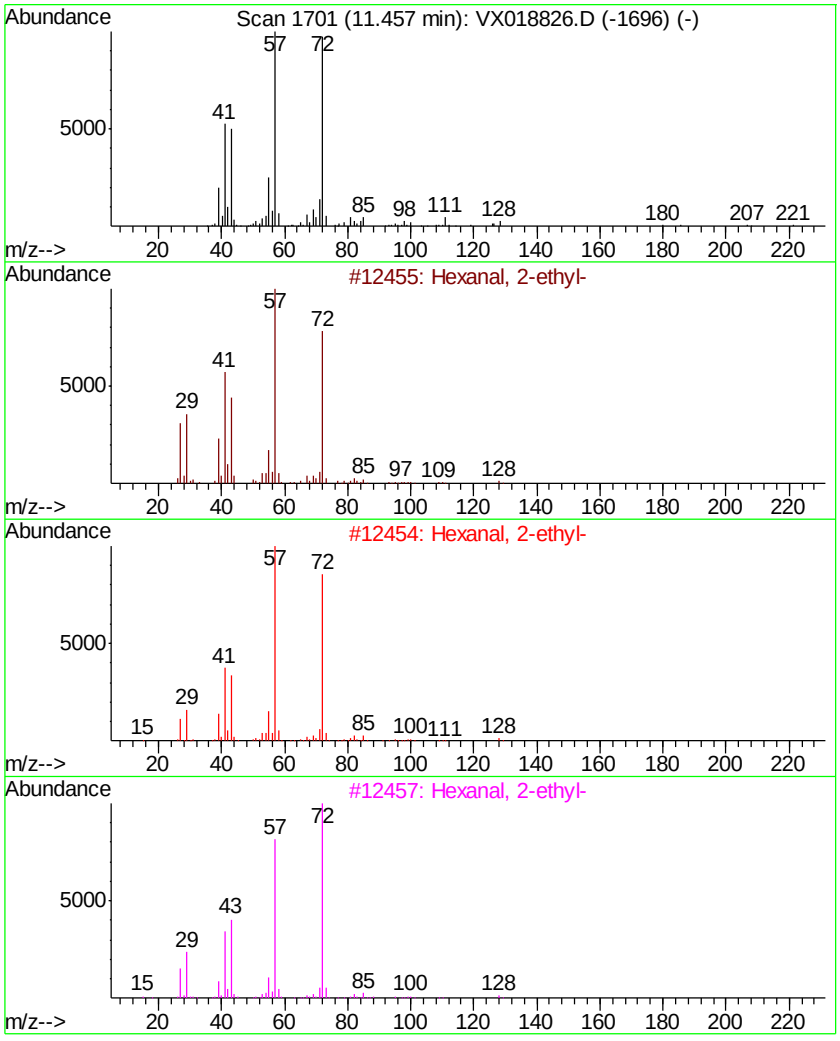
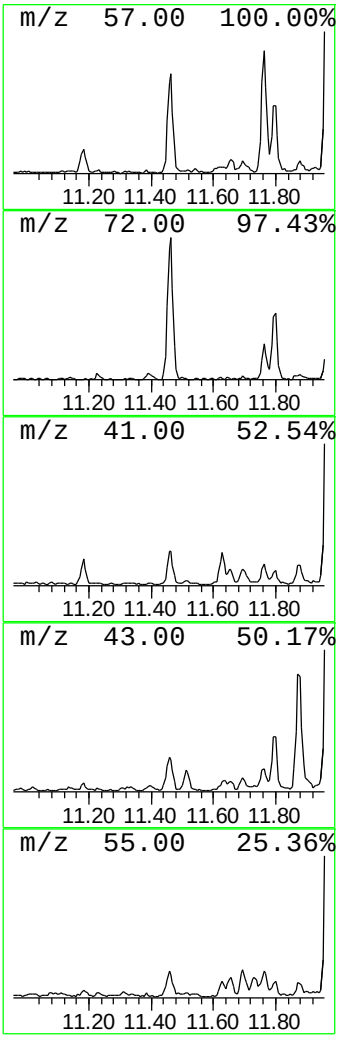
Peak Number 10 Hexanal, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	0.91 ug/L	83151	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	81
2	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	74
3	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	64
4	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	59
5	trans-1-Butene,1-butoxy-	128	C8H16O	1000139-52-8	45





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Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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

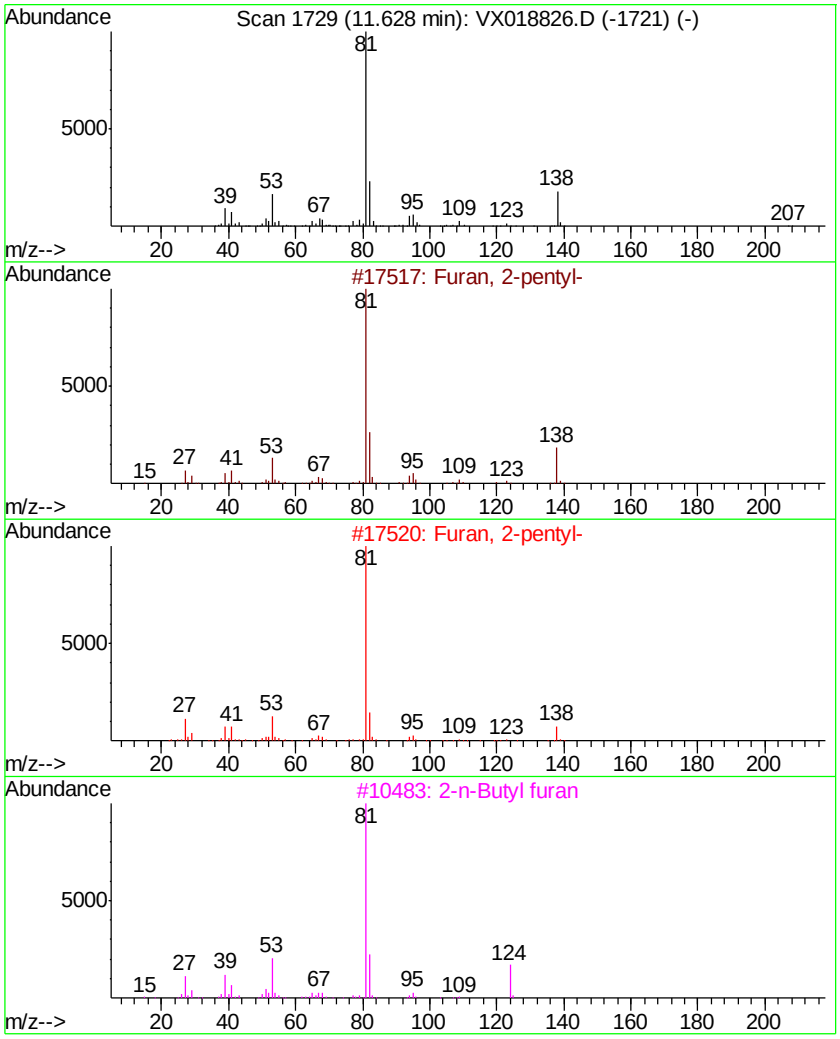
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

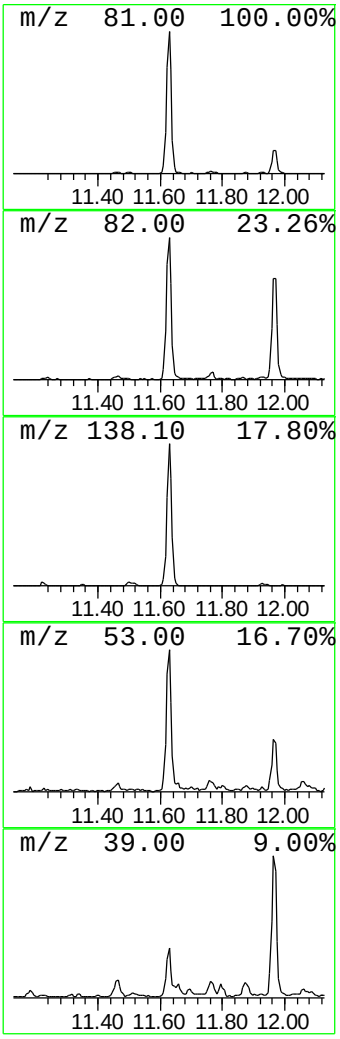
****

Peak Number 11 Furan, 2-pentyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	2.61 ug/L	238556	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-pentyl-	138	C9H14O	003777-69-3	91
2	Furan, 2-pentyl-	138	C9H14O	003777-69-3	72
3	2-n-Butyl furan	124	C8H12O	004466-24-4	64
4	Furan, 2-propyl-	110	C7H10O	004229-91-8	50
5	2-Cyclopentene-1-carboxylic acid...	126	C7H10O2	068317-77-1	40





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Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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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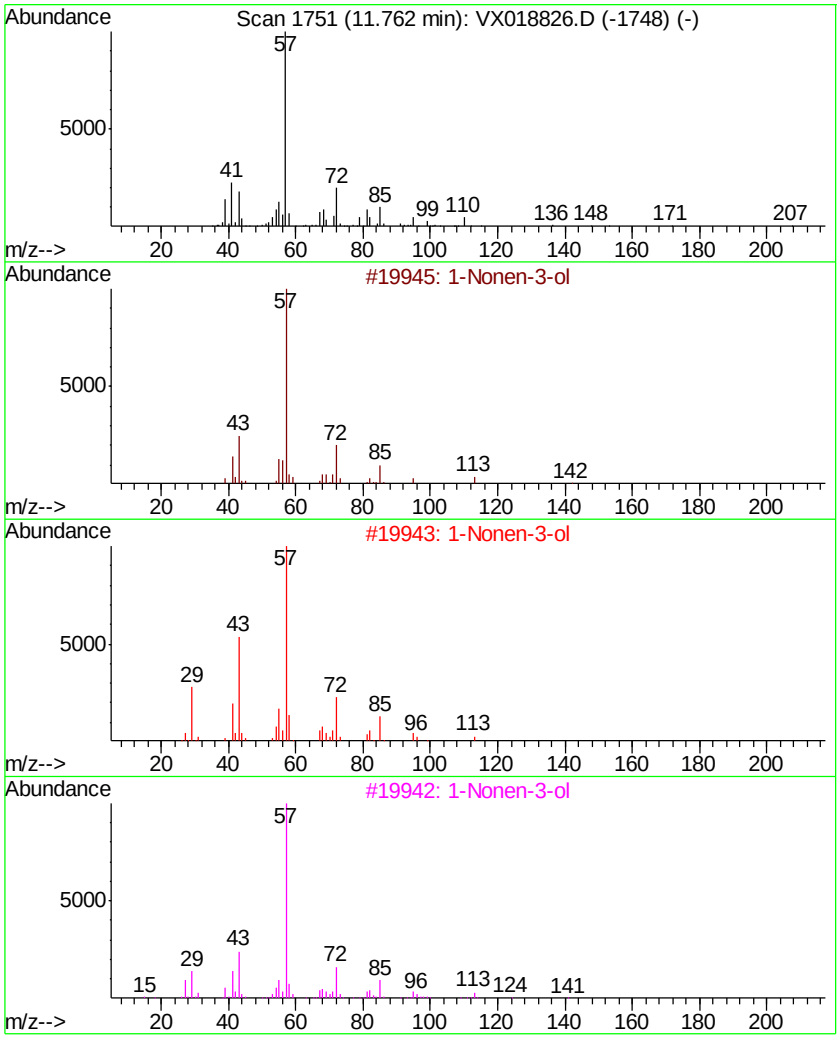
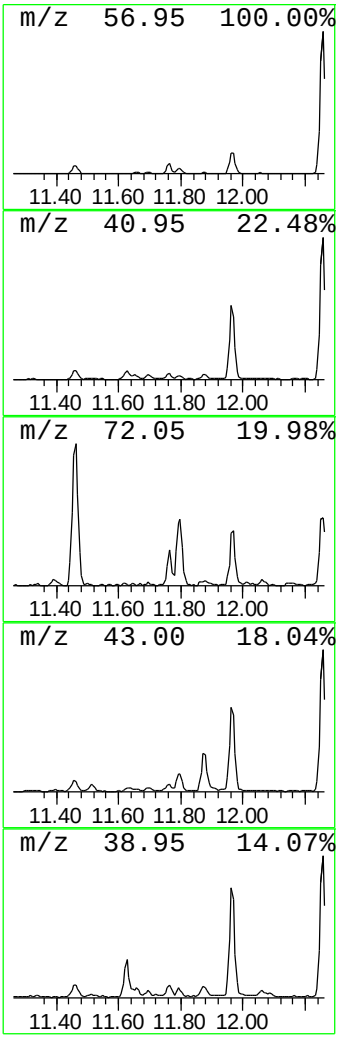
Peak Number 12 1-Nonen-3-ol Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	0.64 ug/L	58862	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonen-3-ol	142	C9H18O	021964-44-3	64
2	1-Nonen-3-ol	142	C9H18O	021964-44-3	64
3	1-Nonen-3-ol	142	C9H18O	021964-44-3	64
4	1-Octen-3-ol	128	C8H16O	003391-86-4	53
5	1-Hepten-3-ol	114	C7H14O	004938-52-7	50





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Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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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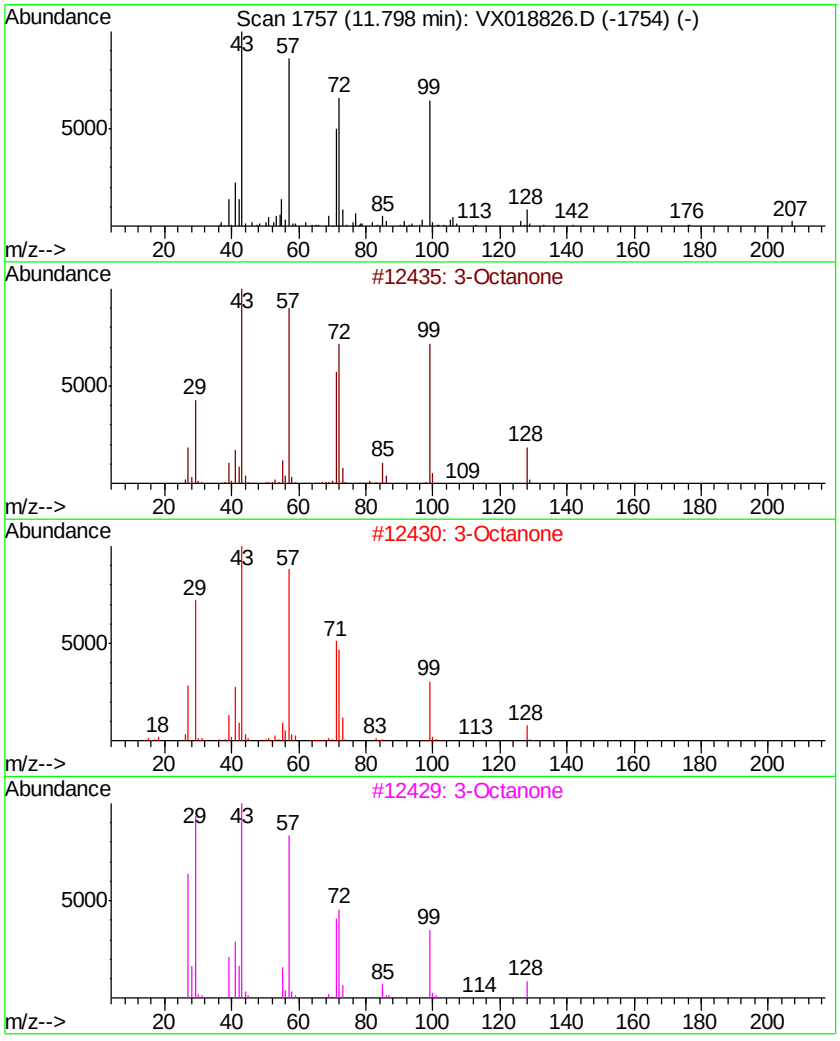
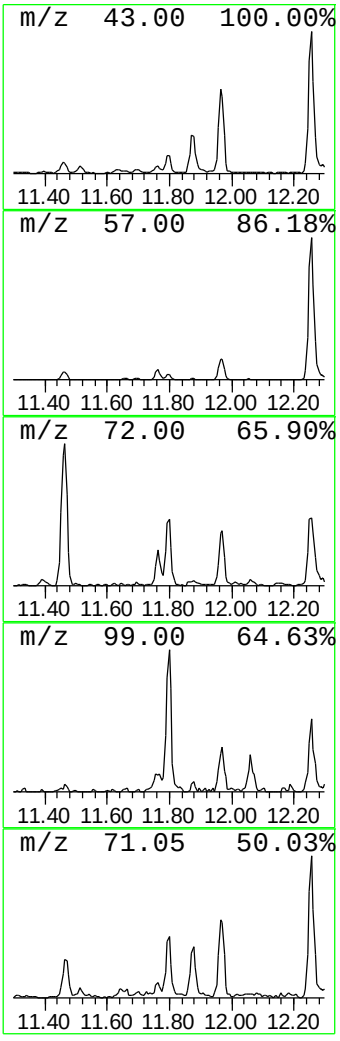
Peak Number 13 3-Octanone Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	0.63 ug/L	57536	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone	128	C8H16O	000106-68-3	86
2	3-Octanone	128	C8H16O	000106-68-3	64
3	3-Octanone	128	C8H16O	000106-68-3	59
4	3-Octanone	128	C8H16O	000106-68-3	56
5	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	50





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Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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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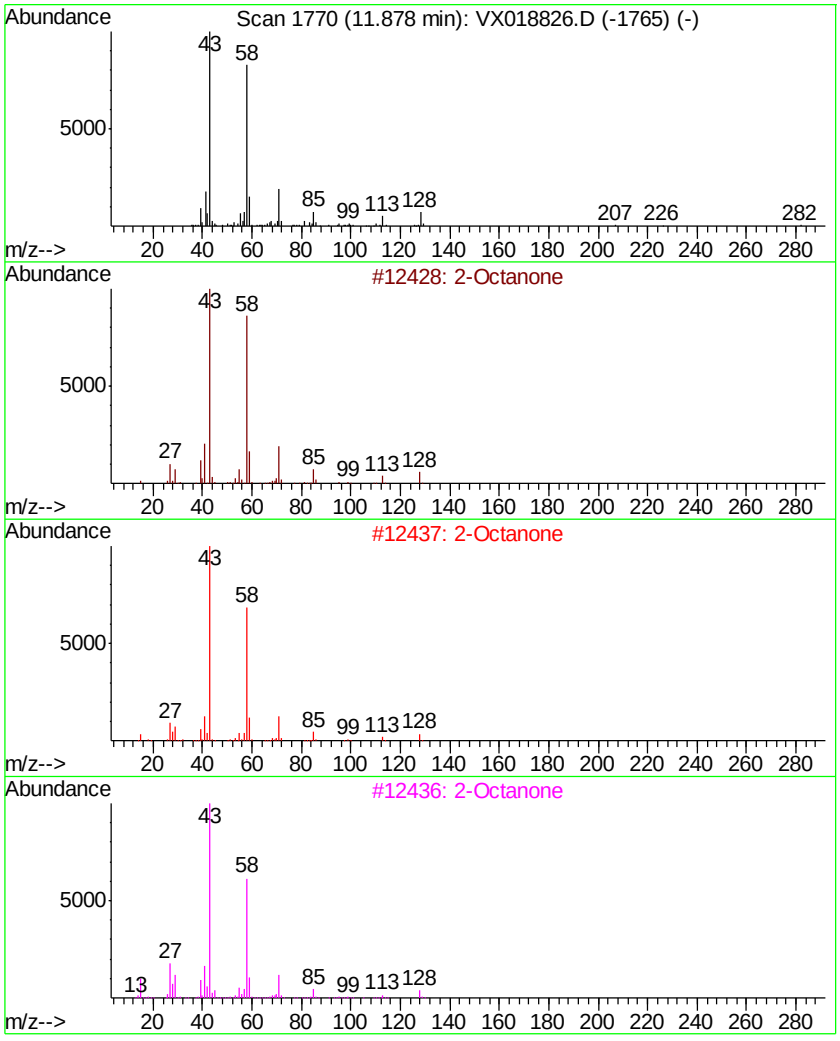
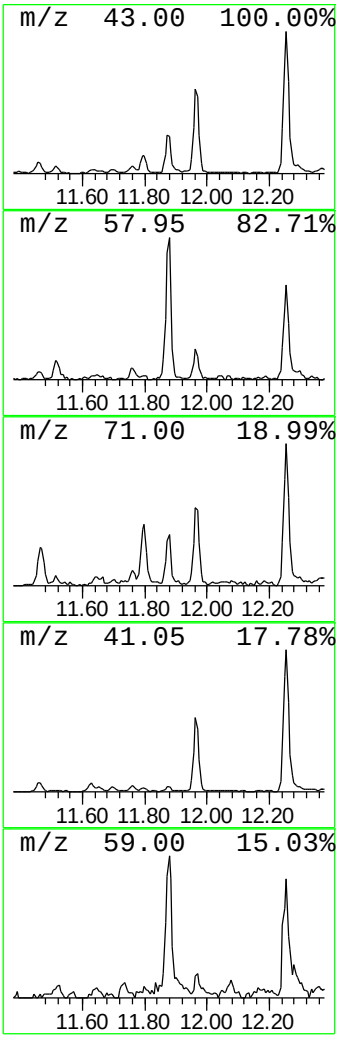
Peak Number 14 2-Octanone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	0.88 ug/L	79963	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octanone	128	C8H16O	000111-13-7	94
2	2-Octanone	128	C8H16O	000111-13-7	91
3	2-Octanone	128	C8H16O	000111-13-7	91
4	2-Octanone	128	C8H16O	000111-13-7	90
5	2-Octanone	128	C8H16O	000111-13-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX100720\
Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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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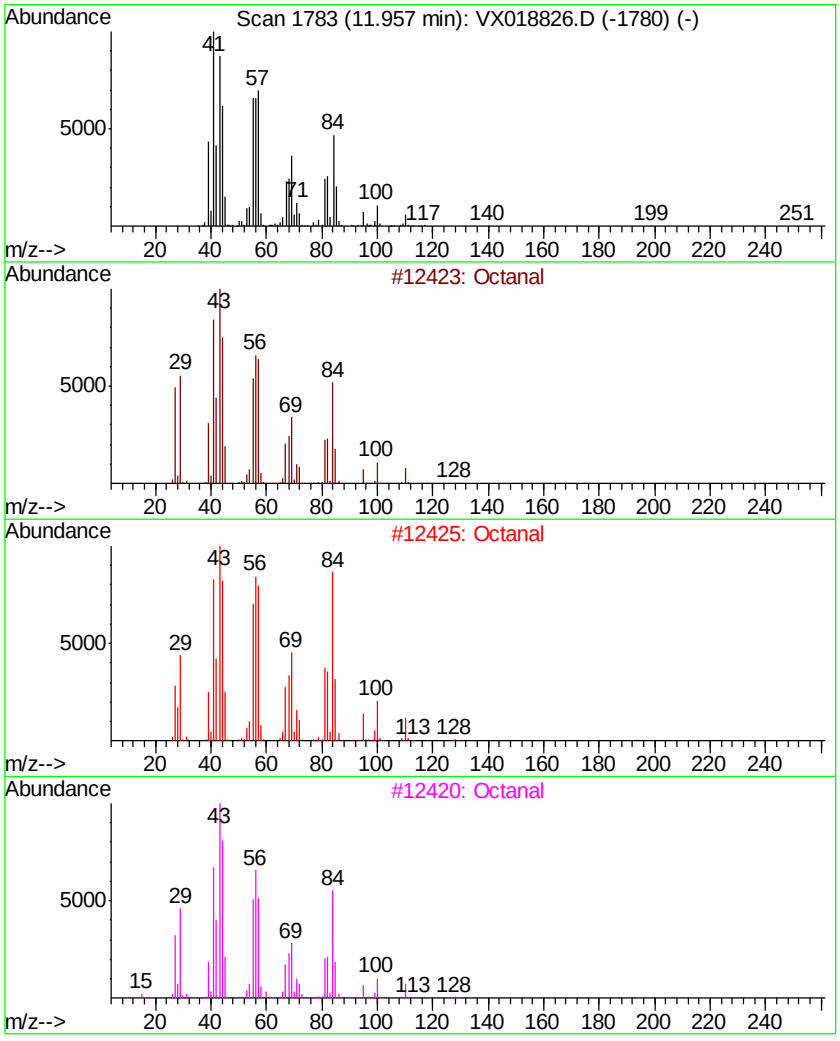
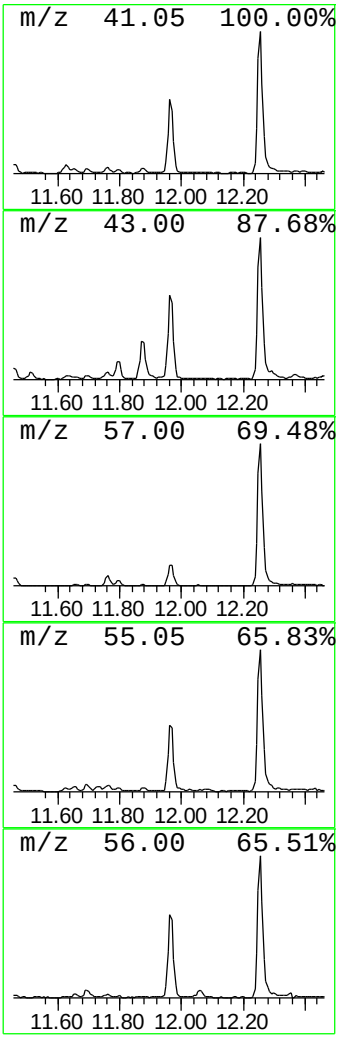
Peak Number 15 Octanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	5.67 ug/L	517918	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	97
2	Octanal	128	C8H16O	000124-13-0	96
3	Octanal	128	C8H16O	000124-13-0	96
4	Octanal	128	C8H16O	000124-13-0	95
5	Octanal	128	C8H16O	000124-13-0	91





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX100720\
Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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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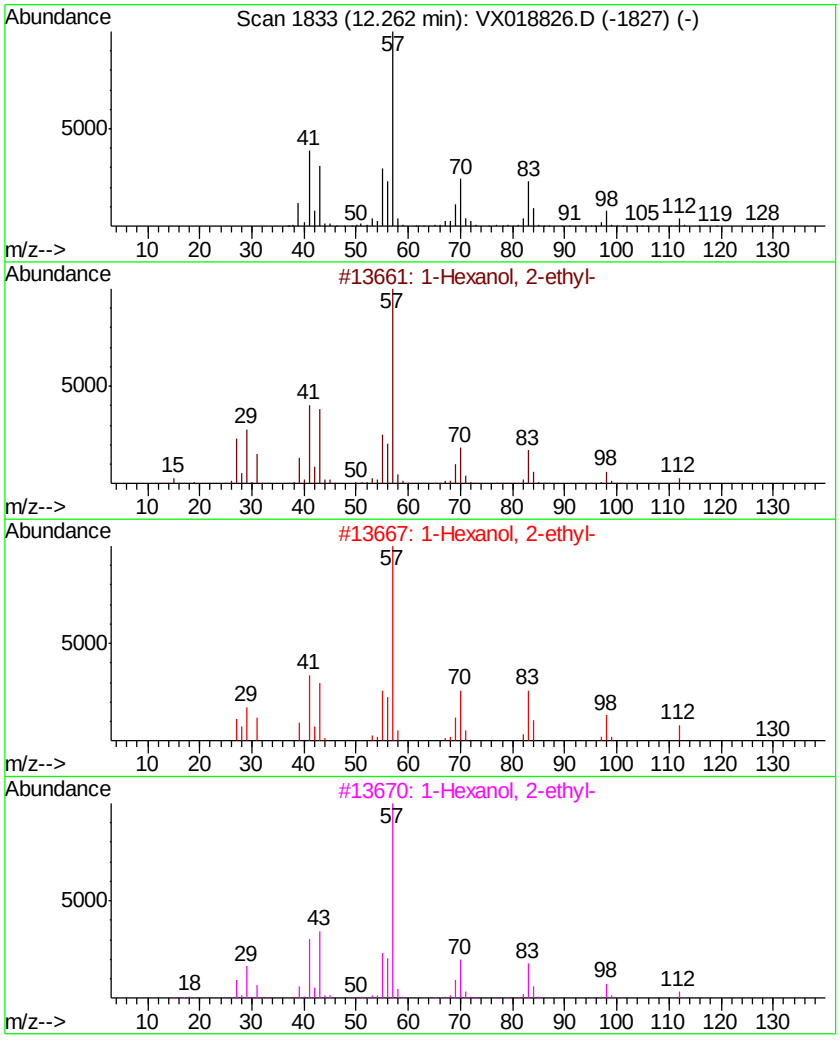
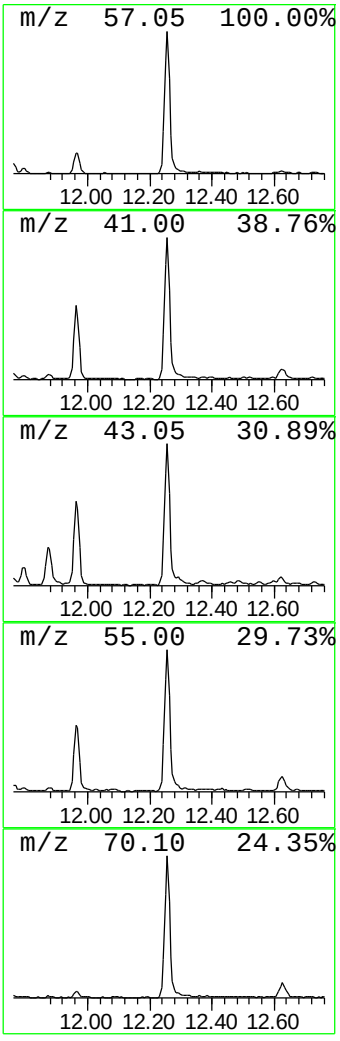
Peak Number 16 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	11.49 ug/L	1048990	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56





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Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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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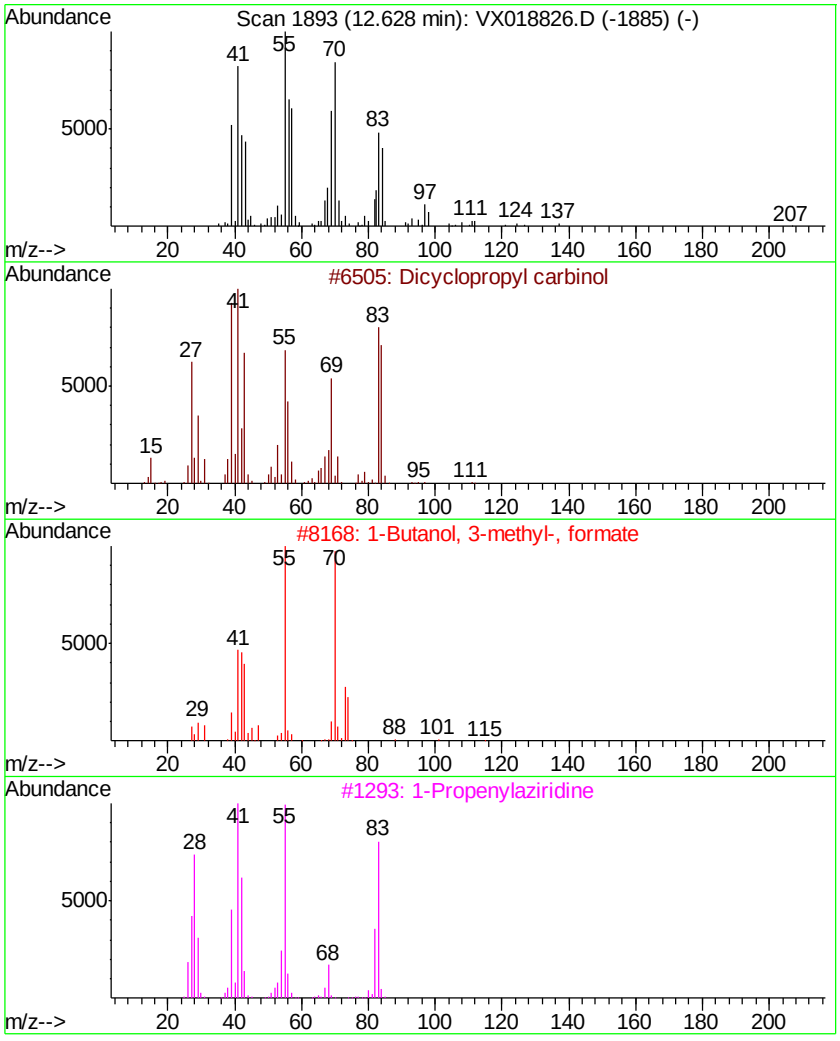
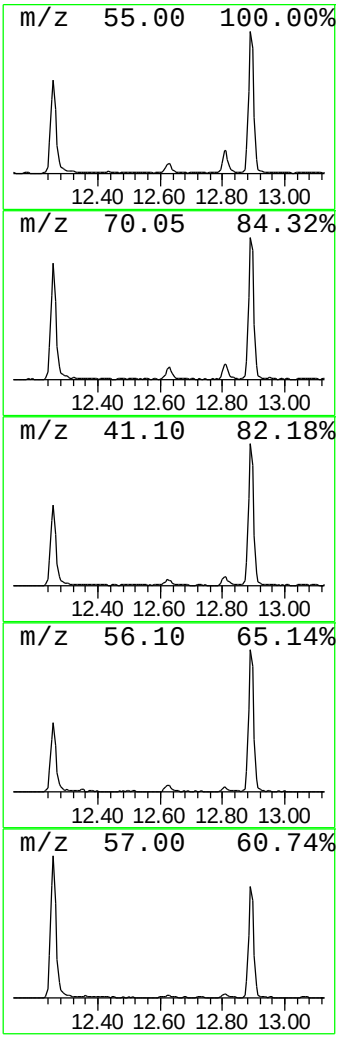
Peak Number 17 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	0.96 ug/L	87817	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicyclopropyl carbinol	112	C7H12O	014300-33-5	43
2	1-Butanol, 3-methyl-, formate	116	C6H12O2	000110-45-2	35
3	1-Propenylaziridine	83	C5H9N	1000192-51-0	35
4	2-Methyl-1-butene	70	C5H10	000563-46-2	35
5	2-Pentene, (E)-	70	C5H10	000646-04-8	30





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Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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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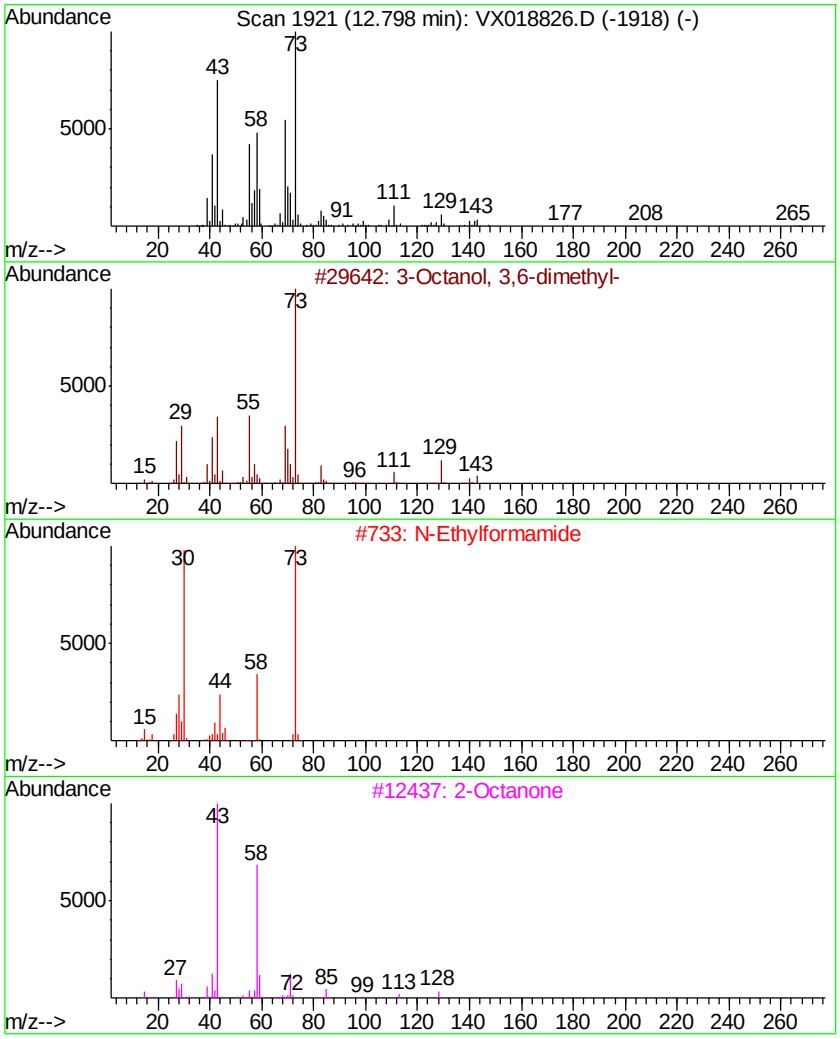
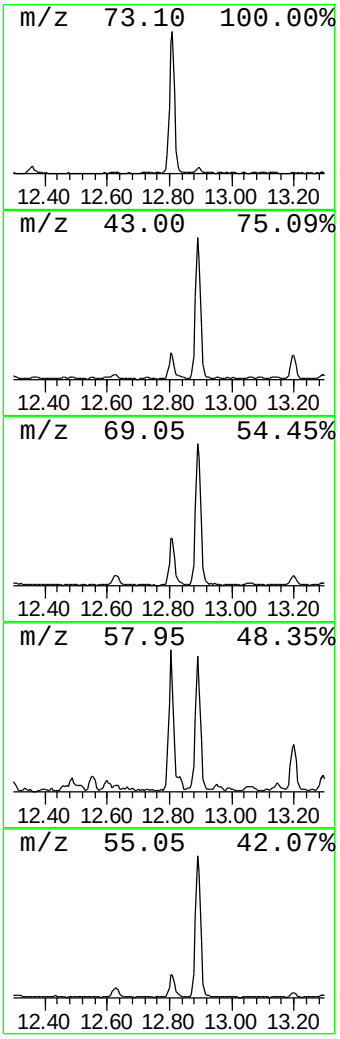
Peak Number 18 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	2.85 ug/L	260543	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	43
2	N-Ethylformamide	73	C3H7NO	000627-45-2	38
3	2-Octanone	128	C8H16O	000111-13-7	38
4	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	35
5	2-Heptanone	114	C7H14O	000110-43-0	35





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Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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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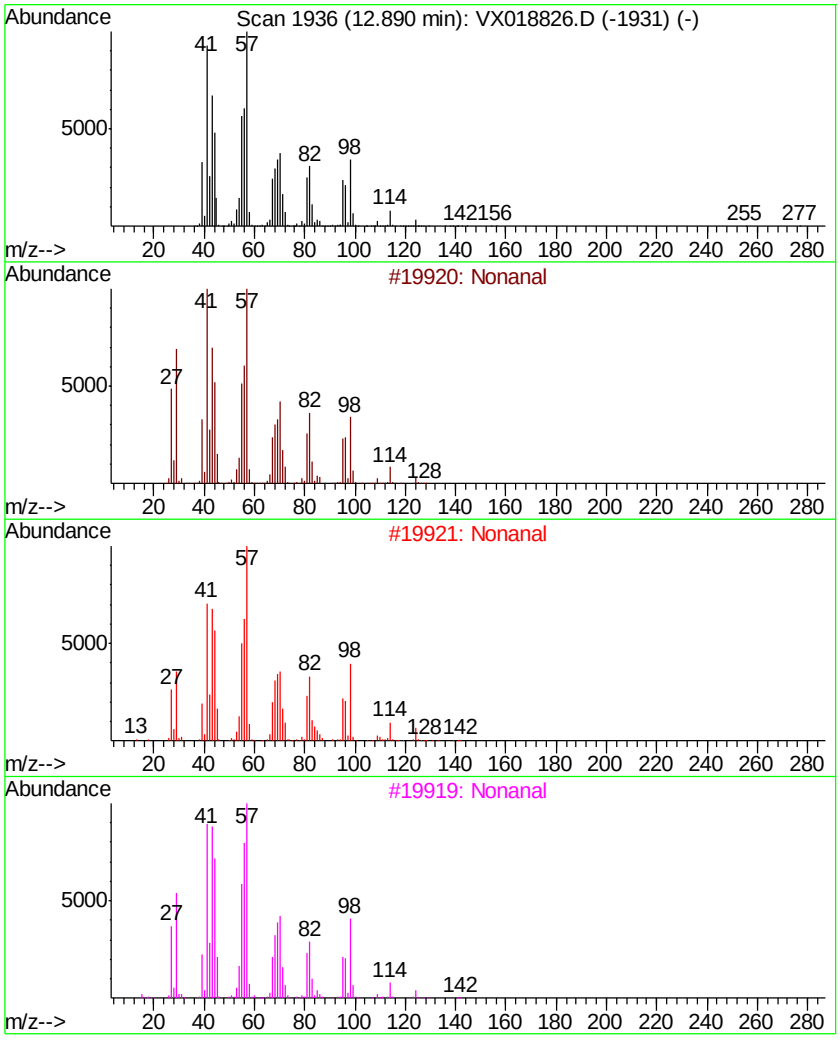
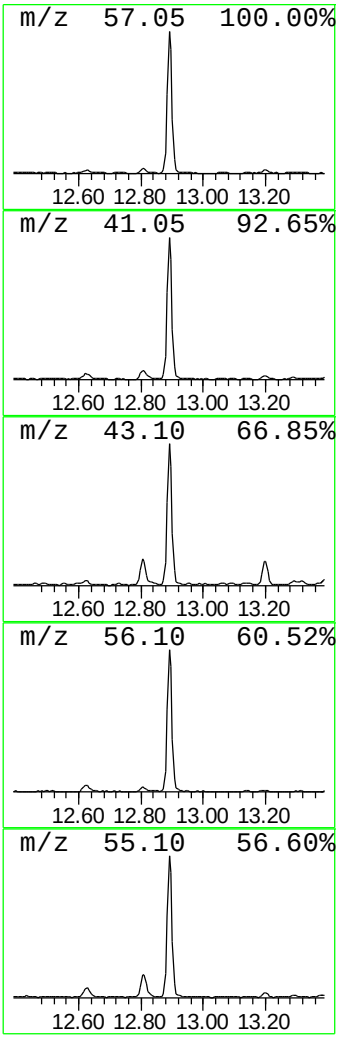
Peak Number 19 Nonanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	19.78 ug/L	1805850	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	91
2	Nonanal	142	C9H18O	000124-19-6	91
3	Nonanal	142	C9H18O	000124-19-6	90
4	Nonanal	142	C9H18O	000124-19-6	90
5	Cyclohexanol, 2-methyl-, trans-	114	C7H14O	007443-52-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX100720\
Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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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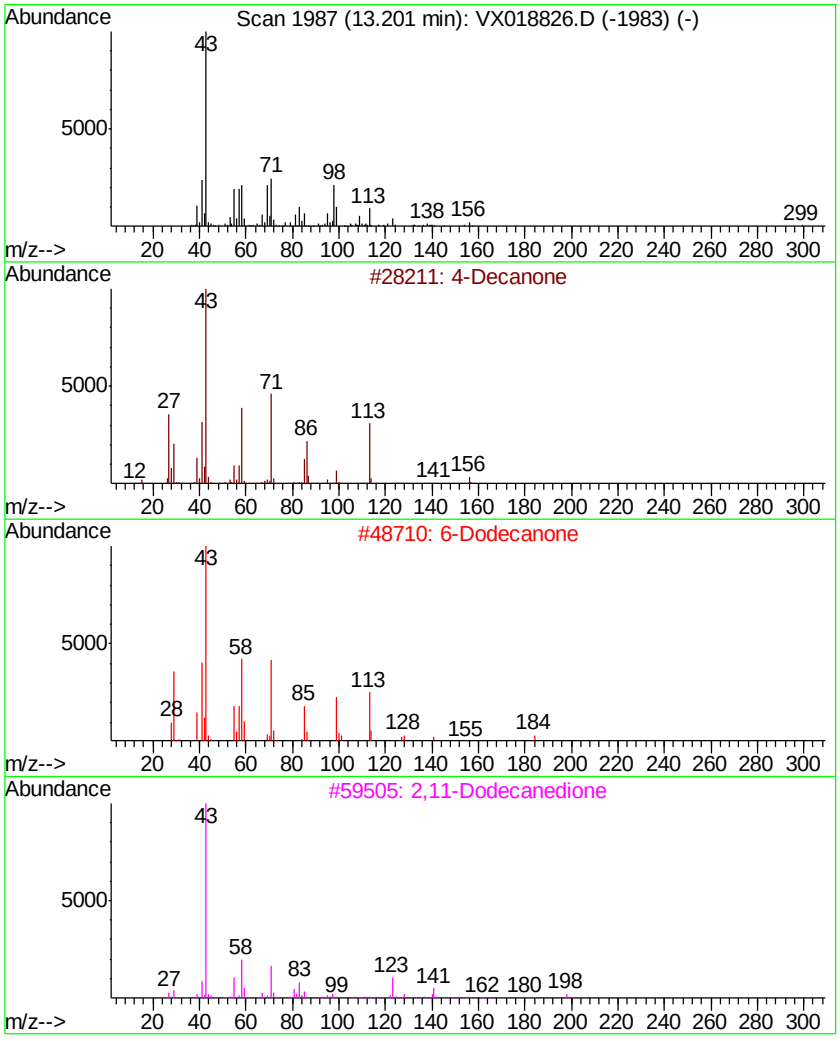
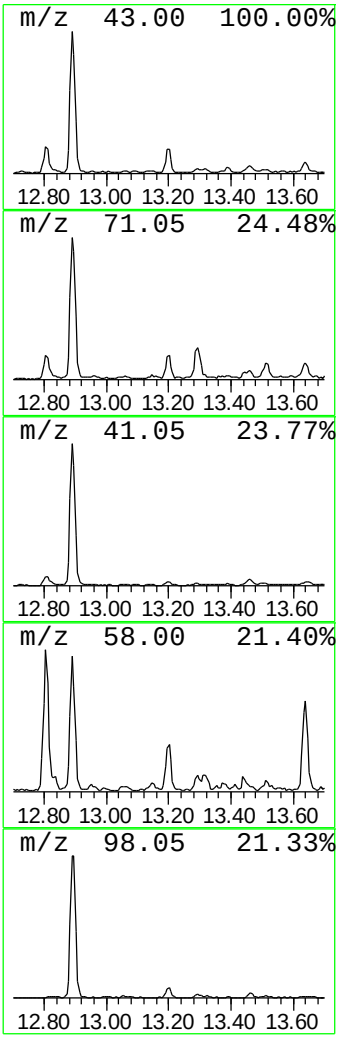
Peak Number 20 unknown-03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	1.02 ug/L	92812	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Decanone	156	C10H20O	000624-16-8	38
2	6-Dodecanone	184	C12H24O	006064-27-3	32
3	2,11-Dodecanedione	198	C12H22O2	007029-09-6	25
4	5-Decanone	156	C10H20O	000820-29-1	22
5	8-Nonen-2-one	140	C9H16O	005009-32-5	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX100720\
Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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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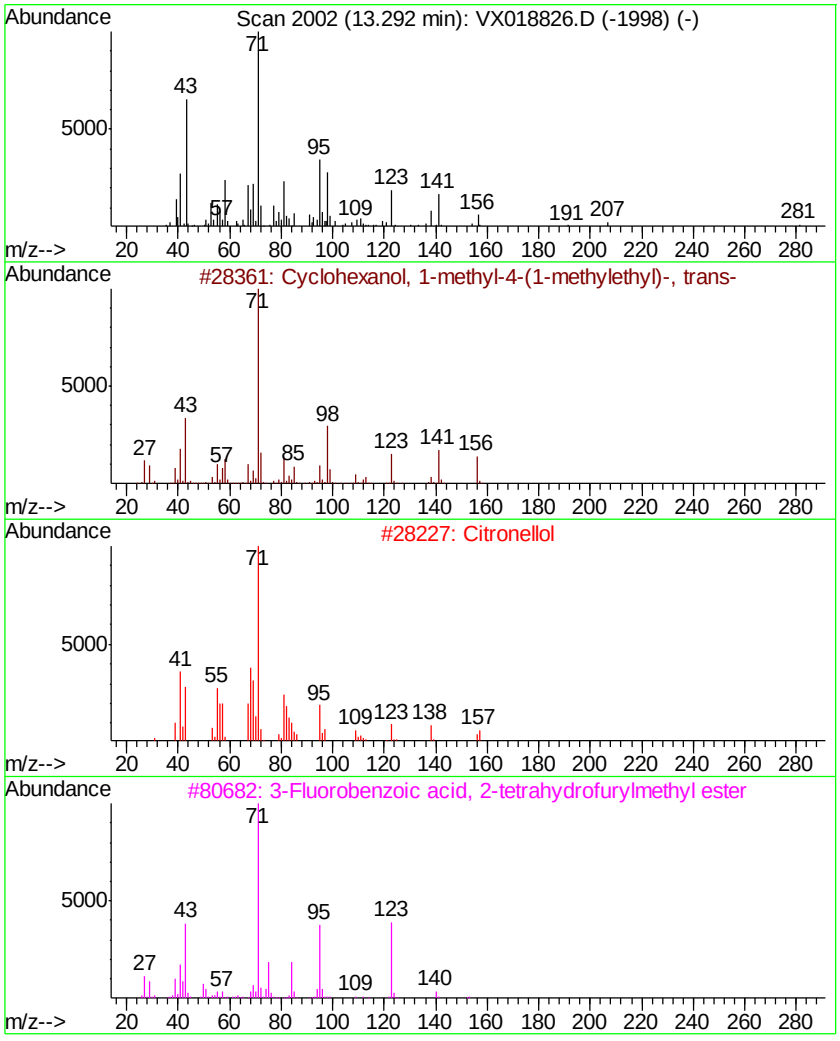
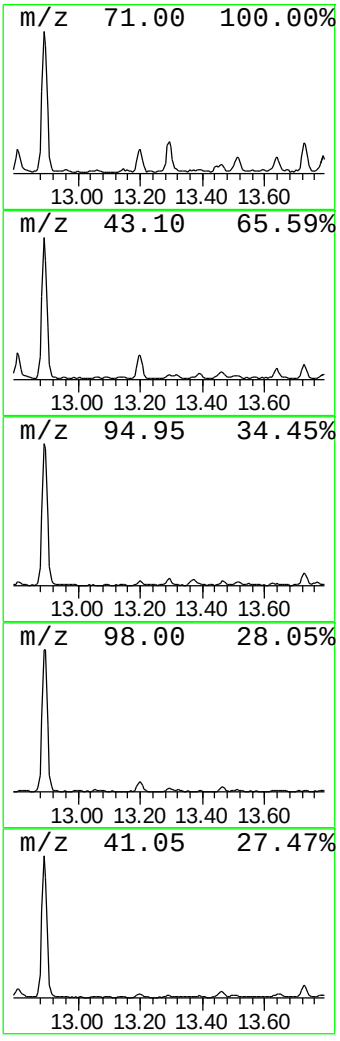
Peak Number 21 Cyclohexanol, 1-methyl-4-(1... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	0.53 ug/L	47958	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-methyl-4-(1-meth...	156	C10H20O	003901-93-7	53
2	Citronellol	156	C10H20O	000106-22-9	43
3	3-Fluorobenzoic acid, 2-tetrahyd...	224	C12H13FO3	1000279-04-4	38
4	2-Furanmethanamine, tetrahydro-	101	C5H11NO	004795-29-3	38
5	4-Fluorobenzoic acid, 2-tetrahyd...	224	C12H13FO3	1000279-07-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX100720\
Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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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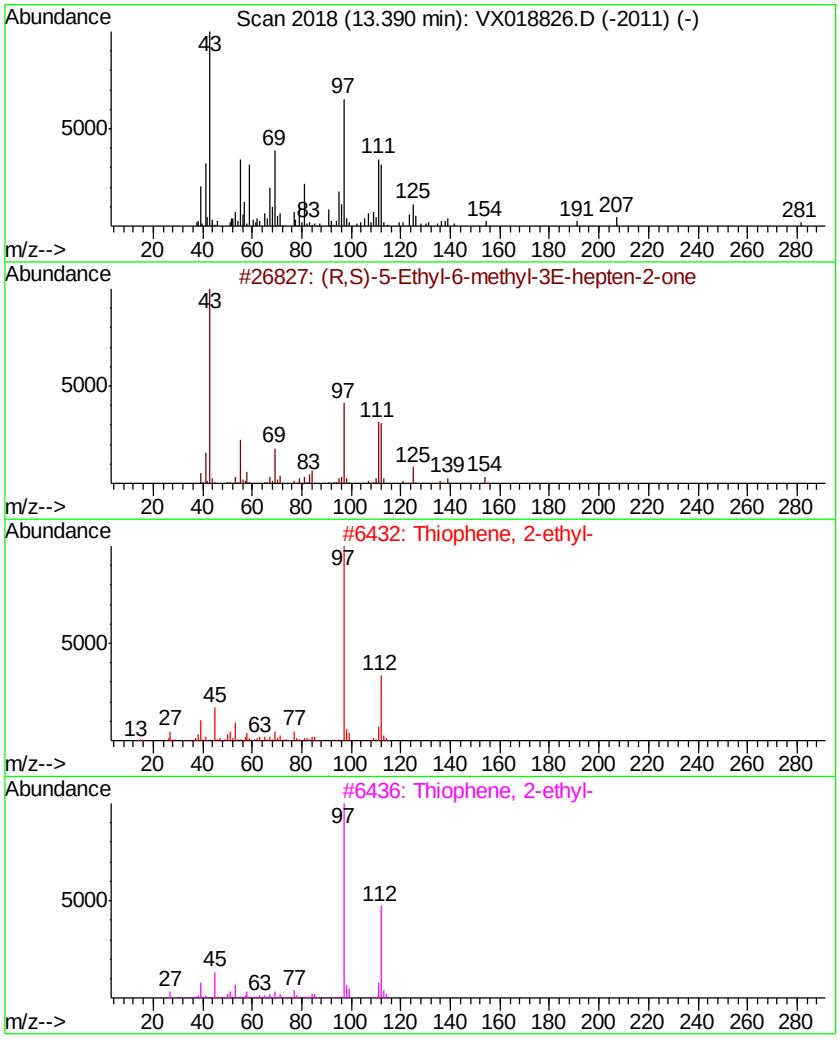
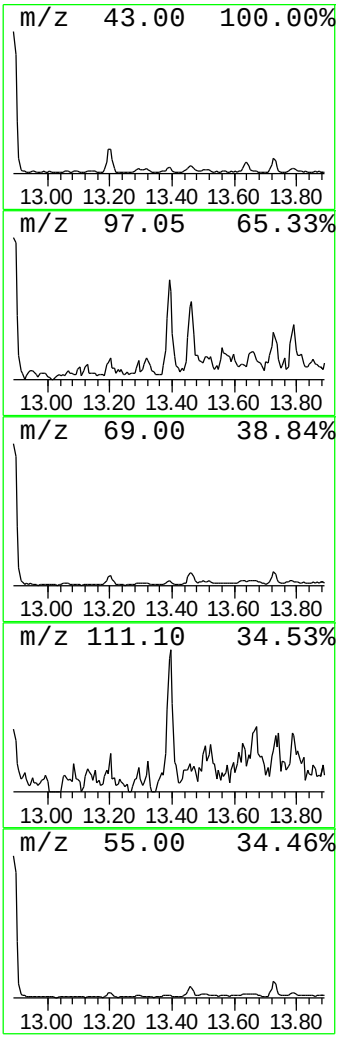
Peak Number 22 unknown-04 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	0.66 ug/L	59903	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(R,S)-5-Ethyl-6-methyl-3E-hepten...	154	C10H18O	057283-79-1	38
2	Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	27
3	Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	27
4	Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	27
5	Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX100720\
Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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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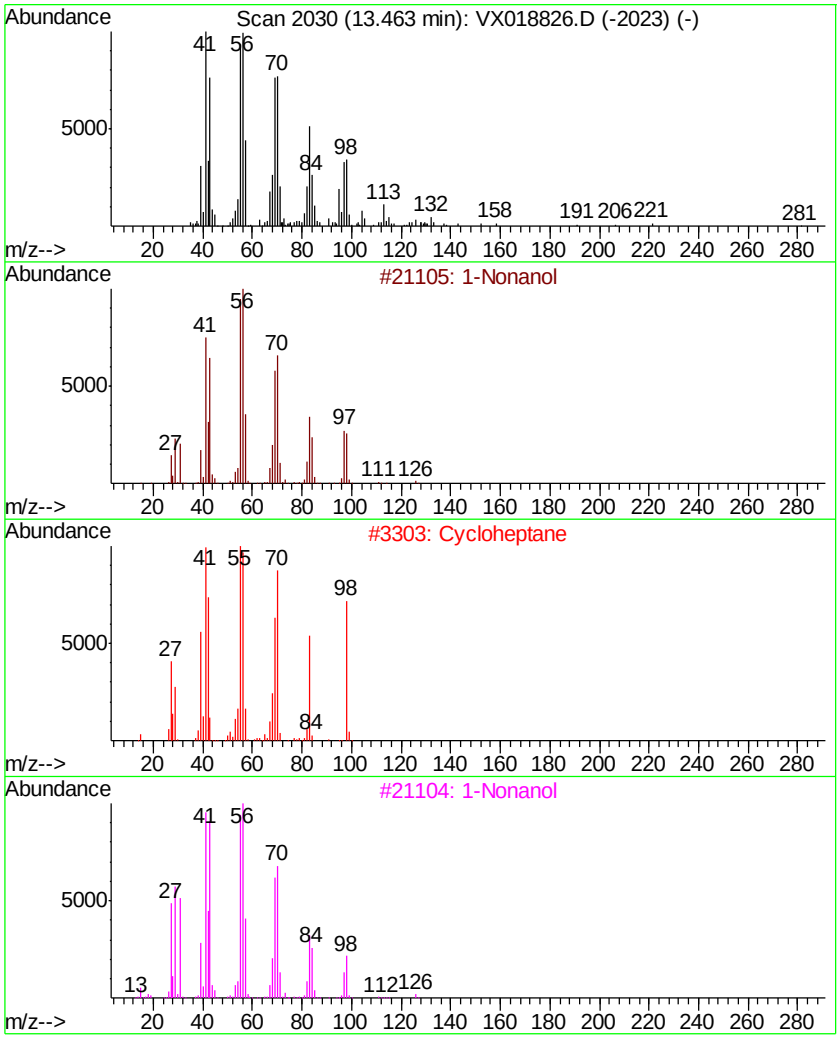
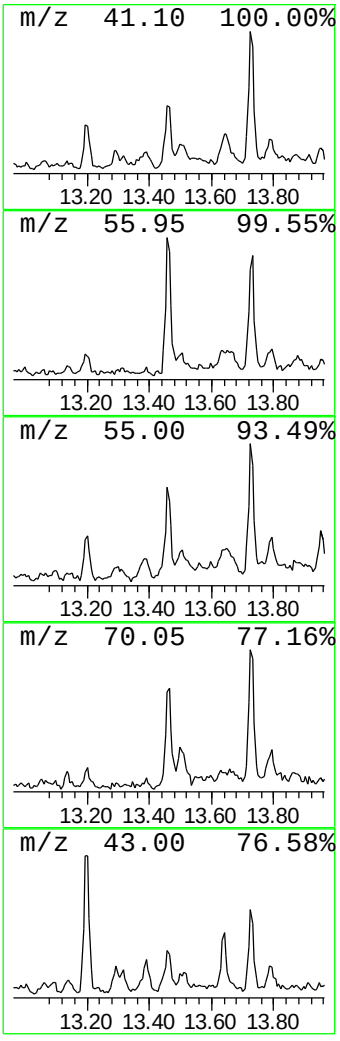
Peak Number 23 1-Nonanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	1.18 ug/L	107463	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonanol	144	C9H20O	000143-08-8	91
2	Cycloheptane	98	C7H14	000291-64-5	81
3	1-Nonanol	144	C9H20O	000143-08-8	80
4	1-Nonanol	144	C9H20O	000143-08-8	80
5	3-Dodecene, (Z)-	168	C12H24	007239-23-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX100720\
Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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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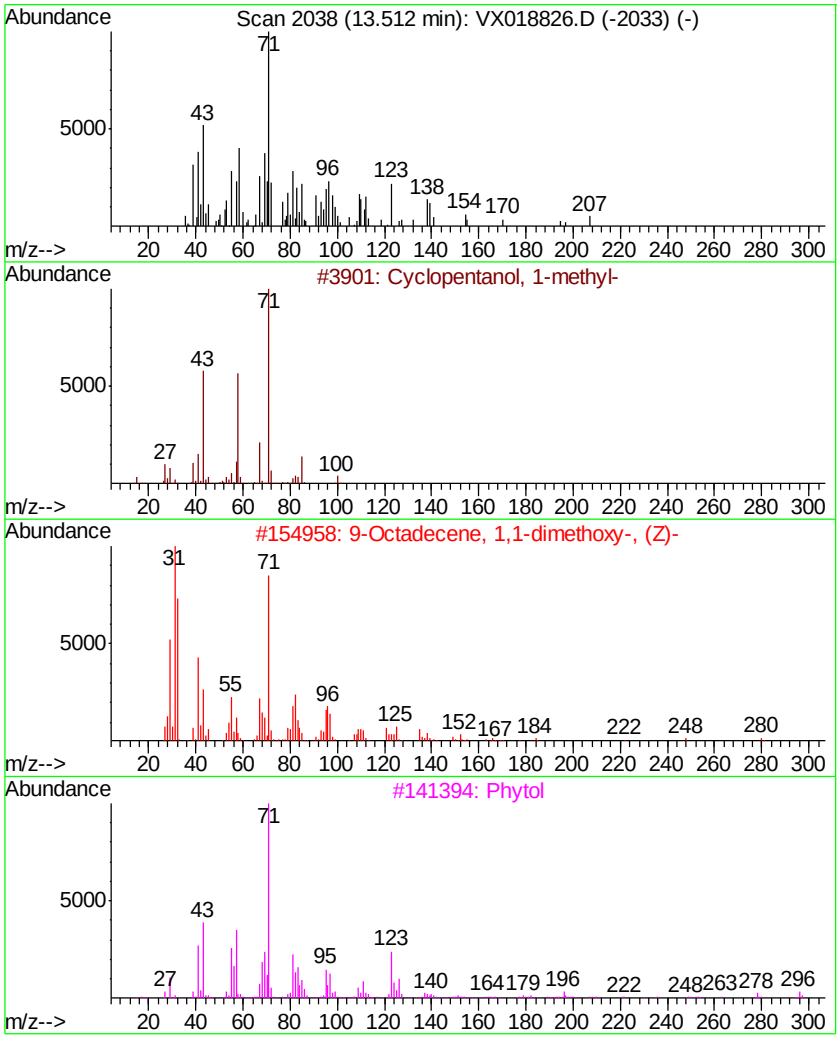
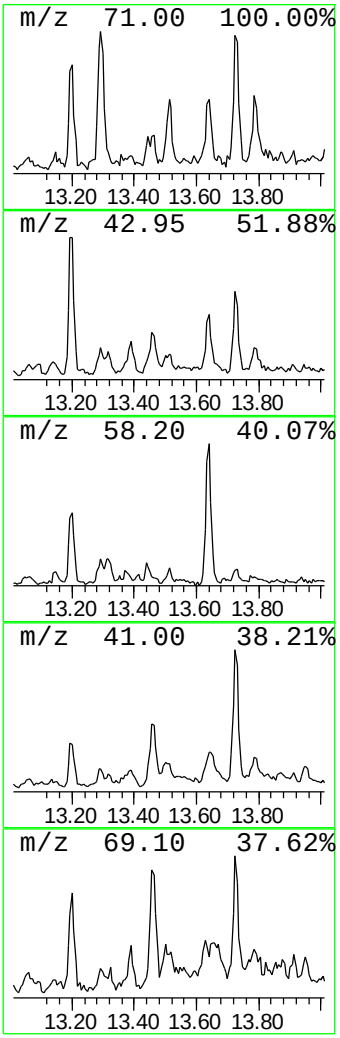
Peak Number 24 unknown-05 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	0.53 ug/L	48355	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	46
2	9-Octadecene, 1,1-dimethoxy-, (Z)-	312	C20H40O2	015677-71-1	38
3	Phytol	296	C20H40O	000150-86-7	37
4	Phytol	296	C20H40O	000150-86-7	37
5	Oxirane, hexyl-	128	C8H16O	002984-50-1	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX100720\
Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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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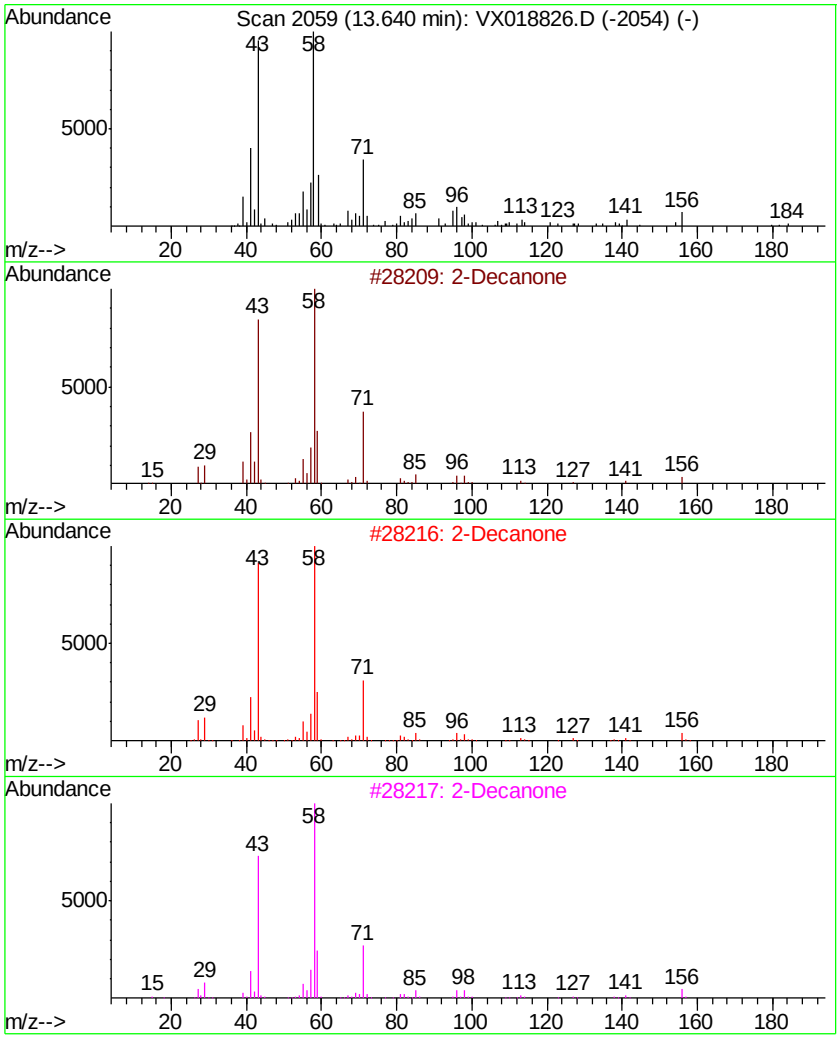
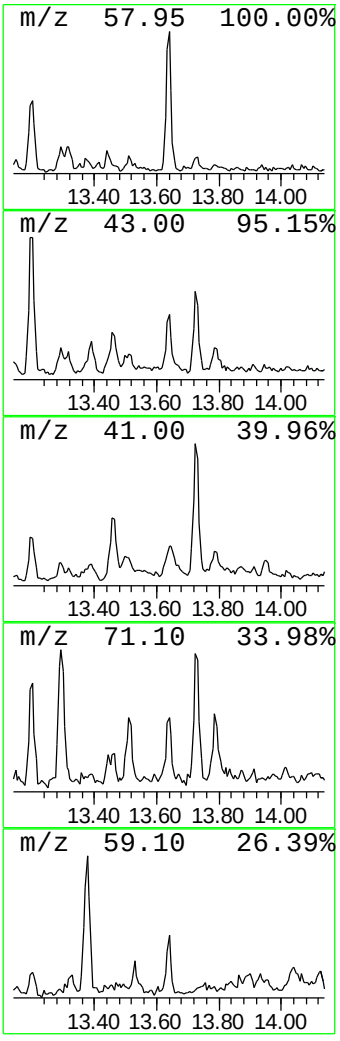
Peak Number 25 2-Decanone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	0.95 ug/L	86963	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decanone	156	C10H20O	000693-54-9	91
2	2-Decanone	156	C10H20O	000693-54-9	90
3	2-Decanone	156	C10H20O	000693-54-9	87
4	2-Tridecanone	198	C13H26O	000593-08-8	64
5	2-Nonanone	142	C9H18O	000821-55-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX100720\
Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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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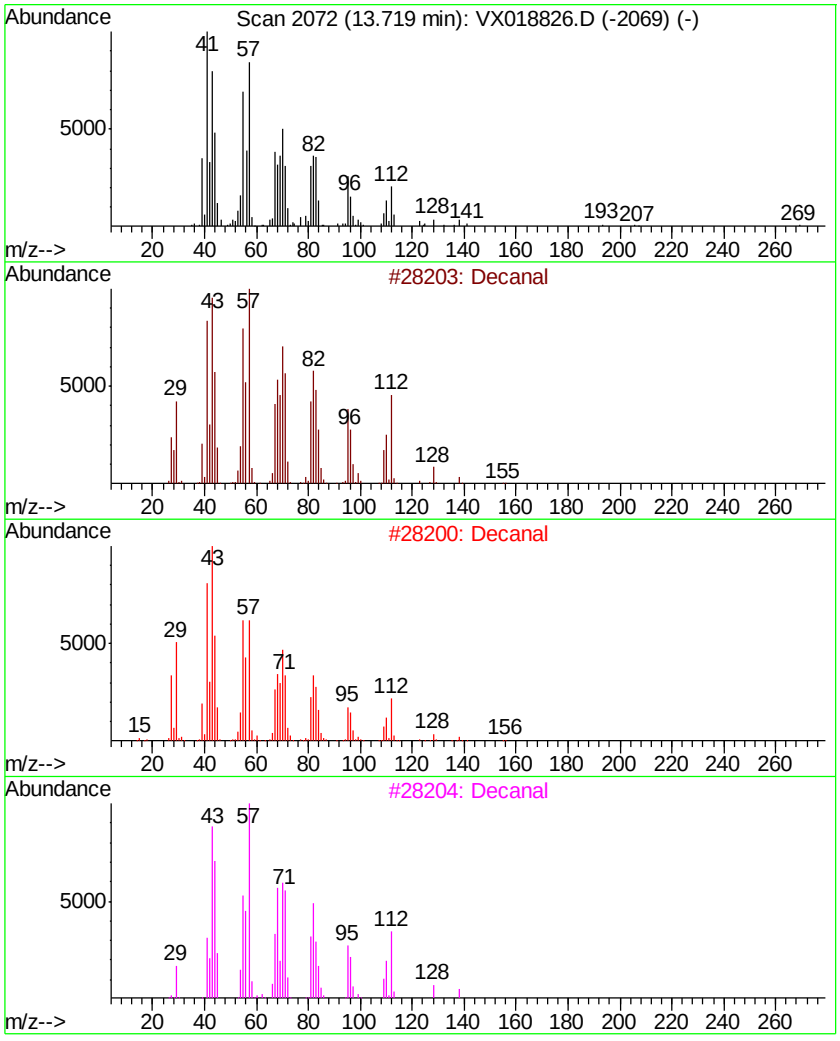
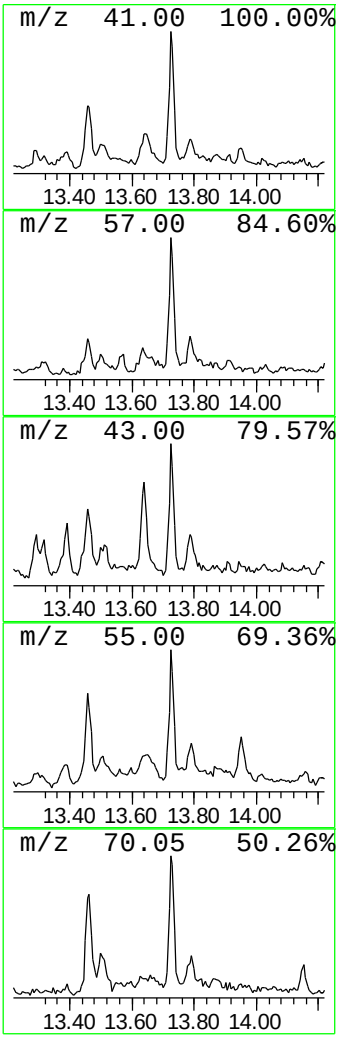
Peak Number 26 Decanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	1.86 ug/L	169526	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanal	156	C10H20O	000112-31-2	91
2	Decanal	156	C10H20O	000112-31-2	91
3	Decanal	156	C10H20O	000112-31-2	91
4	Decanal	156	C10H20O	000112-31-2	74
5	2-Decen-1-ol, (E)-	156	C10H20O	018409-18-2	60





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX100720\
Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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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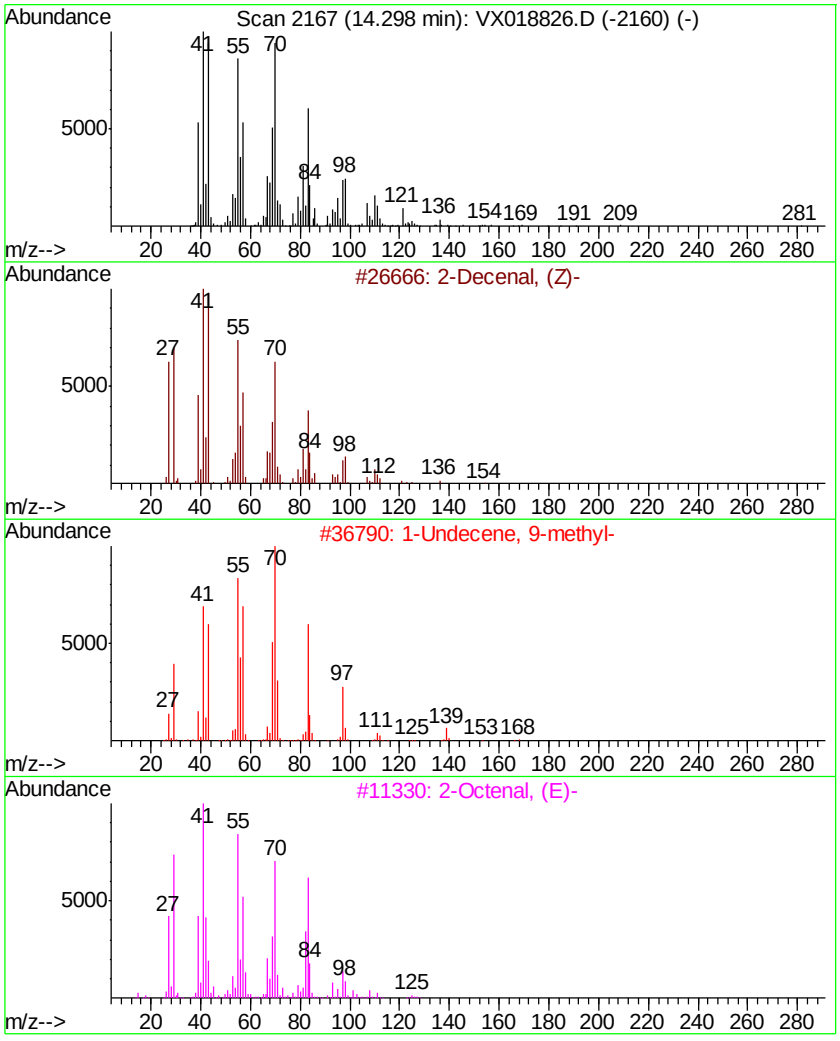
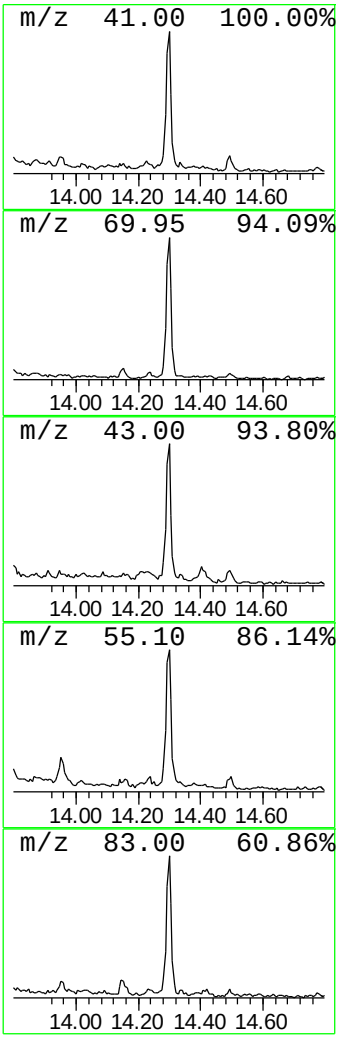
Peak Number 27 2-Decenal, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	2.95 ug/L	269581	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decenal, (Z)-	154	C10H18O	002497-25-8	72
2	1-Undecene, 9-methyl-	168	C12H24	074630-41-4	64
3	2-Octenal, (E)-	126	C8H14O	002548-87-0	64
4	2-Dodecenal, (E)-	182	C12H22O	020407-84-5	64
5	2-Octenal, (E)-	126	C8H14O	002548-87-0	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX100720\
Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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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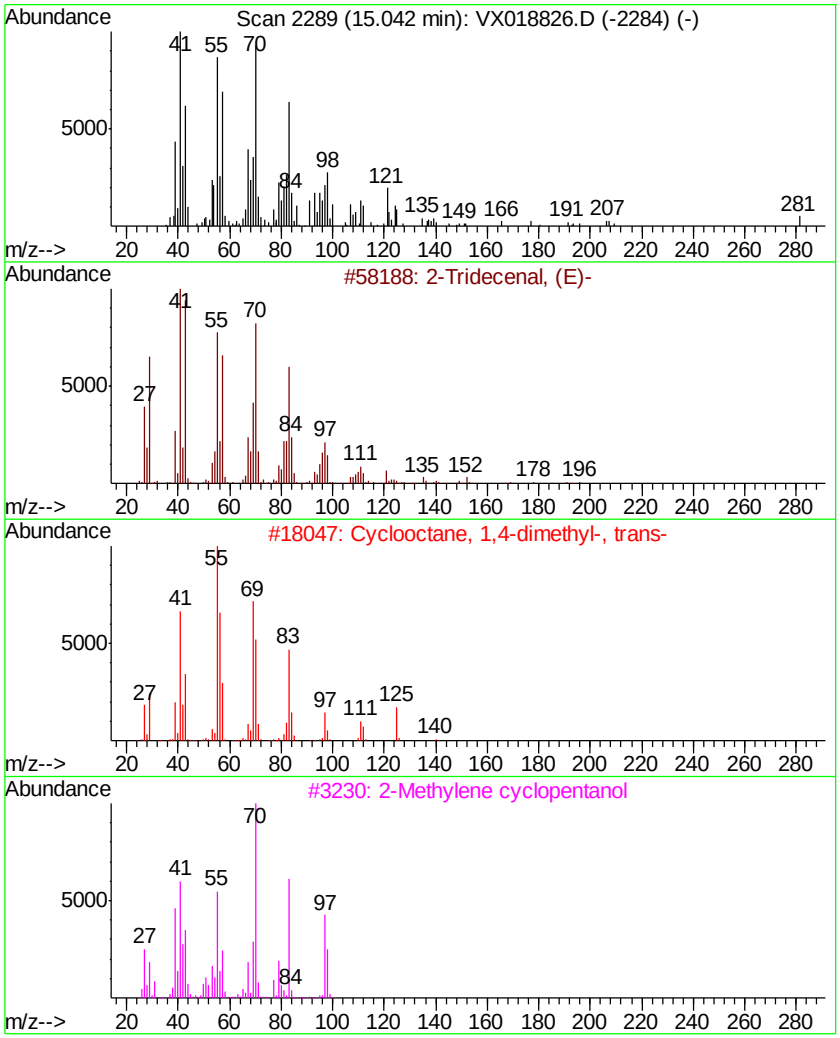
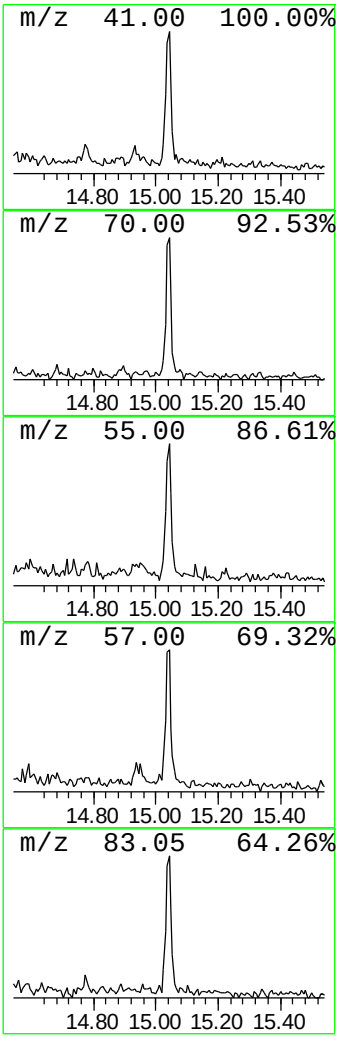
Peak Number 28 2-Tridecenal, (E)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	0.75 ug/L	68835	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tridecenal, (E)-	196	C13H24O	007069-41-2	58
2	Cyclooctane, 1,4-dimethyl-, trans-	140	C10H20	013151-98-9	52
3	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	49
4	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	46
5	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100720\
Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

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
3-Butenoic acid	1.16	2.0	ug/L	139726	1	6.83	340516	5.0
2(3H)-Furanone, d...	1.93	0.5	ug/L	34139	1	6.83	340516	5.0
(DEL) Alkane: Str...	3.50	0.5	ug/L	34058	1	6.83	340516	5.0
Butanal	4.31	0.7	ug/L	45468	1	6.83	340516	5.0
Furan, 2-ethyl-	7.21	0.7	ug/L	45326	1	6.83	340516	5.0
Pentanal	7.63	3.8	ug/L	257383	1	6.83	340516	5.0
Hexyl chloroformate	10.62	3.0	ug/L	251682	2	10.10	414792	5.0
Heptanal	10.90	4.0	ug/L	330139	2	10.10	414792	5.0
Hexanal, 2-ethyl-	11.46	0.9	ug/L	83151	3	12.06	456537	5.0
Furan, 2-pentyl-	11.63	2.6	ug/L	238556	3	12.06	456537	5.0
1-Nonen-3-ol	11.76	0.6	ug/L	58862	3	12.06	456537	5.0
3-Octanone	11.80	0.6	ug/L	57536	3	12.06	456537	5.0
2-Octanone	11.88	0.9	ug/L	79963	3	12.06	456537	5.0
Octanal	11.96	5.7	ug/L	517918	3	12.06	456537	5.0
1-Hexanol, 2-ethyl-	12.26	11.5	ug/L	1048990	3	12.06	456537	5.0
unknown-01	12.63	1.0	ug/L	87817	3	12.06	456537	5.0
unknown-02	12.80	2.9	ug/L	260543	3	12.06	456537	5.0
Nonanal	12.89	19.8	ug/L	1805850	3	12.06	456537	5.0
unknown-03	13.20	1.0	ug/L	92812	3	12.06	456537	5.0
Cyclohexanol, 1-m...	13.29	0.5	ug/L	47958	3	12.06	456537	5.0
unknown-04	13.39	0.7	ug/L	59903	3	12.06	456537	5.0
1-Nonanol	13.46	1.2	ug/L	107463	3	12.06	456537	5.0
unknown-05	13.51	0.5	ug/L	48355	3	12.06	456537	5.0
2-Decanone	13.64	0.9	ug/L	86963	3	12.06	456537	5.0
Decanal	13.72	1.9	ug/L	169526	3	12.06	456537	5.0
2-Decenal, (Z)-	14.30	3.0	ug/L	269581	3	12.06	456537	5.0
2-Tridecenal, (E)-	15.04	0.8	ug/L	68835	3	12.06	456537	5.0