LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
Data File : VX028206.D
Acq On : 20 Apr 2022 18:31
Operator : JC/MD
Sample : N2459-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31573

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Title : SW846 8260

Signal : TIC: VX028206.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.142	6	9	18	rBV	174420	148981	1.65%	0.185%
2	1.270	26	30	41	rVB	825550	851929	9.44%	1.056%
3	1.373	41	47	53	rBV	6544049	6926239	76.78%	8.588%
4	1.428	53	56	63	rVB	546673	532215	5.90%	0.660%
5	1.495	63	67	72	rBV	473759	446539	4.95%	0.554%
6	1.751	103	109	122	rBV	2058001	2798131	31.02%	3.469%
7	1.910	130	135	138	rBV	129003	170508	1.89%	0.211%
8	1.959	138	143	153	rVV2	1009148	1798497	19.94%	2.230%
9	2.068	153	161	170	rVV2	622821	1087690	12.06%	1.349%
10	2.166	170	177	181	rVV	293817	458838	5.09%	0.569%
11	2.215	181	185	195	rVB	952895	1378695	15.28%	1.709%
12	2.751	260	273	281	rBV2	208366	509136	5.64%	0.631%
13	2.830	281	286	288	rVV2	136834	270657	3.00%	0.336%
14	2.867	288	292	303	rVB	283110	589512	6.53%	0.731%
15	3.105	322	331	341	rBV2	98517	224973	2.49%	0.279%
16	3.446	377	387	399	rBV	68128	150370	1.67%	0.186%
17	3.739	428	435	445	rVB4	38690	109035	1.21%	0.135%
18	4.105	485	495	505	rVB2	35423	93465	1.04%	0.116%
19	4.306	518	528	541	rVB	184971	528010	5.85%	0.655%
20	5.196	665	674	687	rVB3	44873	141545	1.57%	0.175%
21	5.391	693	706	714	rBV	284131	844299	9.36%	1.047%
22	5.476	714	720	725	rVV	98722	296775	3.29%	0.368%
23	5.556	725	733	758	rVB	389626	1159589	12.85%	1.438%
24	5.958	789	799	805	rBV	283191	748049	8.29%	0.927%
25	6.043	805	813	826	rVB	1516184	3973752	44.05%	4.927%
26	6.232	835	844	857	rVB5	34010	143997	1.60%	0.179%
27	6.763	921	931	942	rBV	612800	1472215	16.32%	1.825%
28	7.385	1022	1033	1042	rBV	52821	129635	1.44%	0.161%
29	8.653	1234	1241	1246	rBV	1514166	2329949	25.83%	2.889%
30	8.720	1246	1252	1263	rVB	5807428	9021127	100.00%	11.185%
31	10.055	1459	1471	1482	rBV	1418901	1878972	20.83%	2.330%
32	10.195	1489	1494	1500	rBV	317940	415167	4.60%	0.515%
33	10.305	1505	1512	1522	rBV	6152846	8449869	93.67%	10.477%
34	10.640	1562	1567	1584	rVB	3698771	4828487	53.52%	5.987%
35	11.085	1634	1640	1653	rBV	1335524	1767205	19.59%	2.191%
36	11.378	1683	1688	1696	rBV	2313698	3853314	42.71%	4.778%

LSC Area Percent Report

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Data File : VX028206.D
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Operator : JC/MD
Sample : N2459-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31573

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Title : SW846 8260

37	11.451	1696	1700	1715	rVB	1122991	1356343	15.04%	1.682%
38	11.616	1721	1727	1736	rVB	1031446	1296817	14.38%	1.608%
39	11.756	1744	1750	1756	rBV	3854962	4786265	53.06%	5.934%
40	11.969	1780	1785	1789	rBV	84889	111037	1.23%	0.138%
41	12.024	1789	1794	1799	rVV	1683895	2044511	22.66%	2.535%
42	12.091	1799	1805	1811	rVB	1179067	1485576	16.47%	1.842%
43	12.243	1822	1830	1833	rBV2	1155996	1569972	17.40%	1.947%
44	12.317	1838	1842	1852	rVB2	557957	746011	8.27%	0.925%
45	12.463	1862	1866	1872	rVB	130964	157652	1.75%	0.195%
46	12.530	1872	1877	1879	rBV	317492	386949	4.29%	0.480%
47	12.554	1879	1881	1886	rVB	288872	323582	3.59%	0.401%
48	12.615	1886	1891	1894	rBV	511914	625852	6.94%	0.776%
49	12.646	1894	1896	1900	rVB	128235	133682	1.48%	0.166%
50	12.701	1900	1905	1913	rBV2	363421	504325	5.59%	0.625%
51	12.847	1925	1929	1934	rVB	146251	183332	2.03%	0.227%
52	12.920	1934	1941	1945	rBV	306848	381587	4.23%	0.473%
53	12.963	1945	1948	1954	rVB	460890	525430	5.82%	0.651%
54	13.170	1977	1982	1986	rVB	387528	461283	5.11%	0.572%
55	13.292	1998	2002	2008	rVB2	709147	922358	10.22%	1.144%
56	13.420	2018	2023	2030	rVB	209287	282055	3.13%	0.350%
57	13.542	2040	2043	2047	rBV	97044	134268	1.49%	0.166%
58	13.585	2047	2050	2055	rVB3	99233	153394	1.70%	0.190%
59	13.664	2060	2063	2069	rVB2	100809	158394	1.76%	0.196%
60	13.774	2076	2081	2088	rBV	402105	536345	5.95%	0.665%
61	13.926	2099	2106	2110	rBV3	64701	96366	1.07%	0.119%
62	14.078	2126	2131	2136	rBV	87287	108621	1.20%	0.135%
63	14.219	2149	2154	2160	rBV2	81598	159330	1.77%	0.198%
64	14.639	2215	2223	2227	rBV	259116	331578	3.68%	0.411%
65	14.780	2241	2246	2250	rBV	128487	162847	1.81%	0.202%

Sum of corrected areas: 80653128

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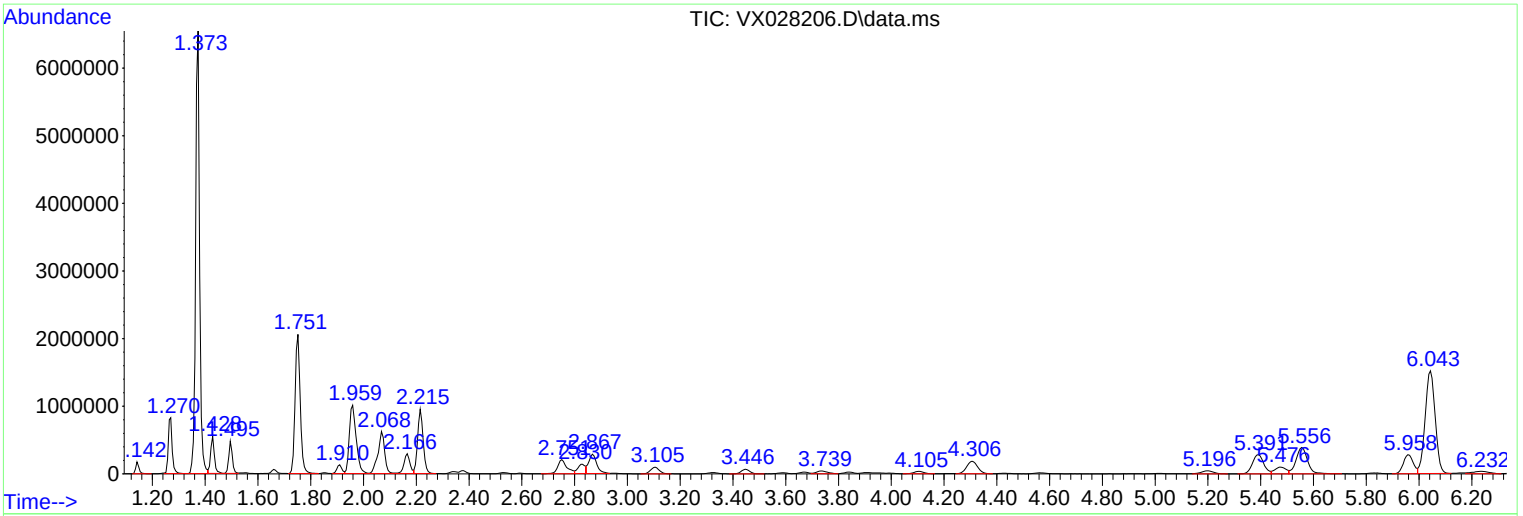
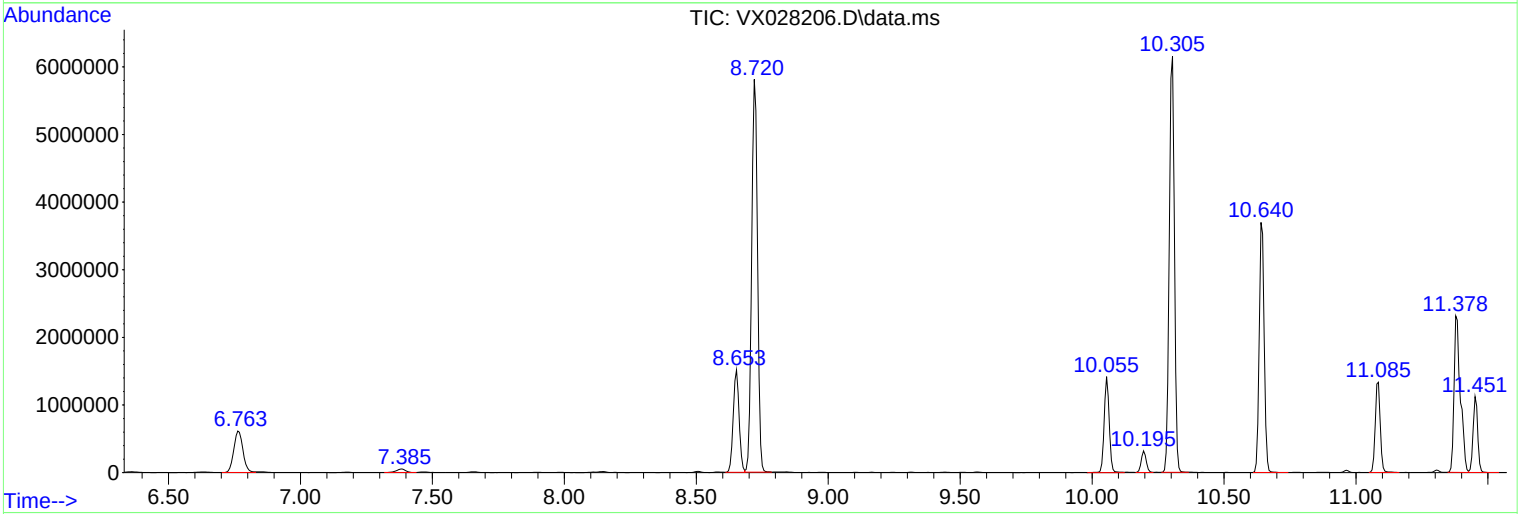
ALS Vial : 21 Sample Multiplier: 1

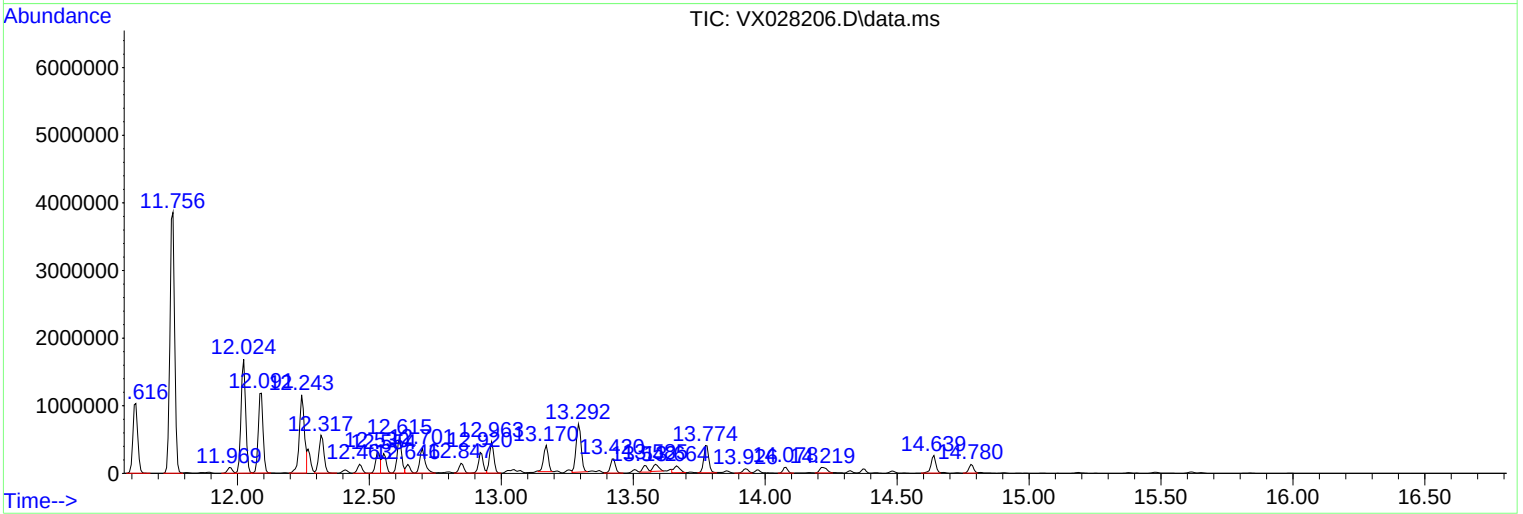
Instrument :
MSVOA_X
ClientSampleId :
31573

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

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







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ClientSampleId :
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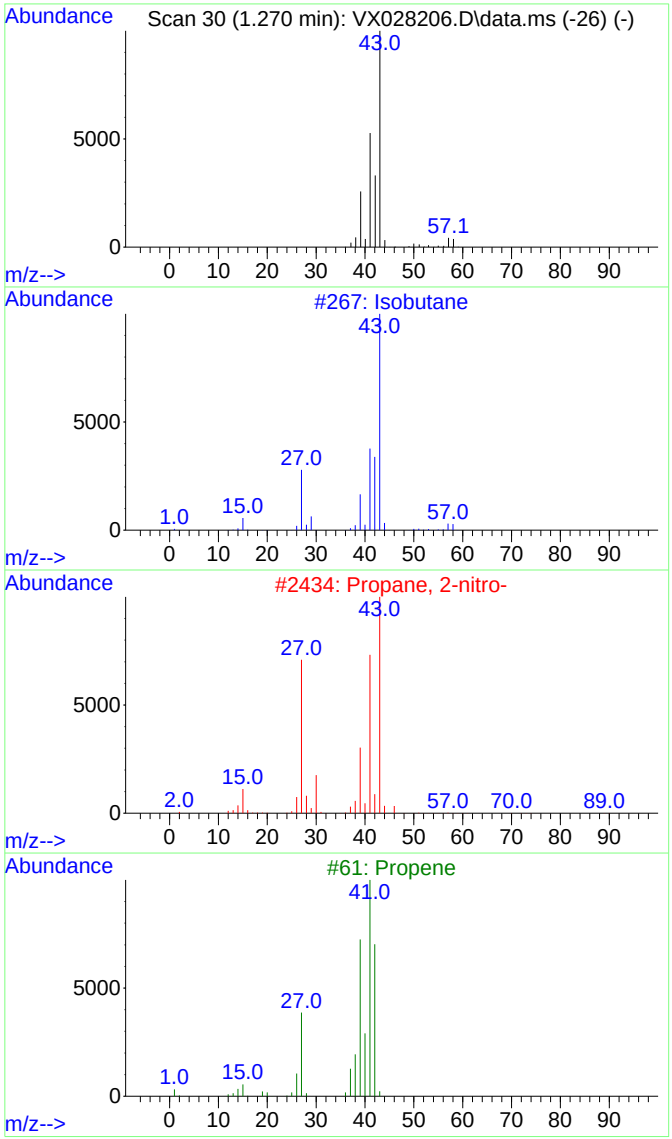
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

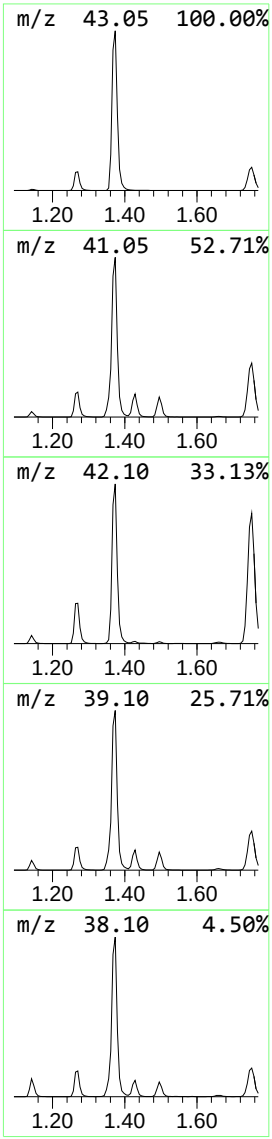
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Isobutane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.270	36.73 ug/l	851929	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	64
2	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9
3	Propene	42	C3H6	000115-07-1	5
4	Hydrogen isocyanate	43	CHNO	000075-13-8	4
5	5-Methyloxazolidine	87	C4H9NO	058328-22-6	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
Data File : VX028206.D
Acq On : 20 Apr 2022 18:31
Operator : JC/MD
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31573

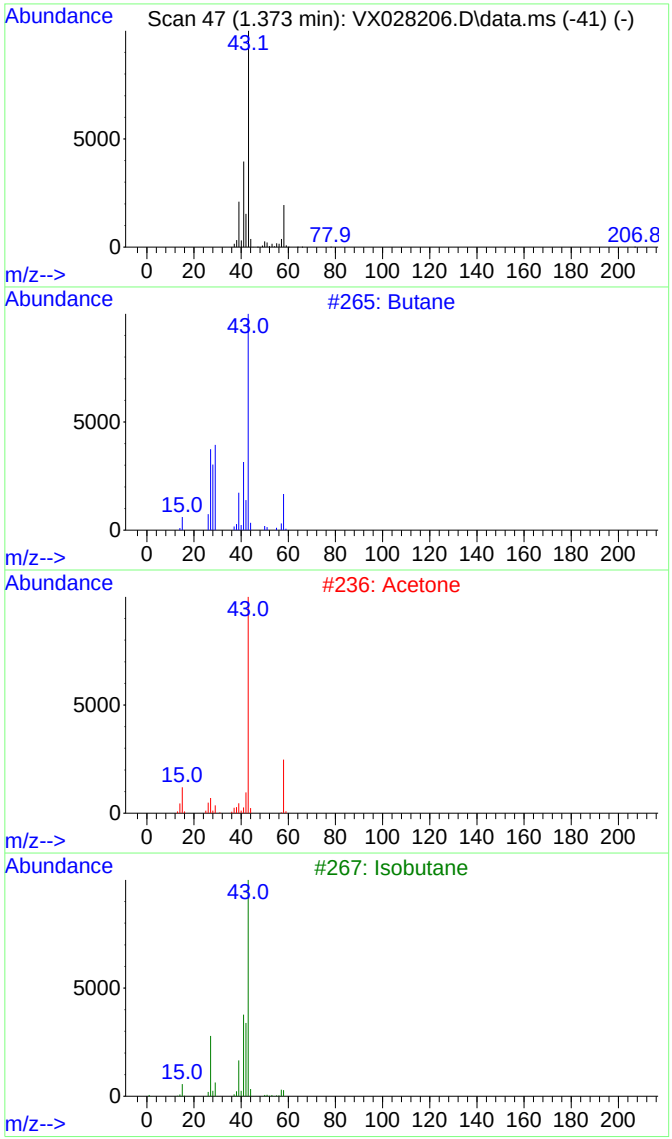
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

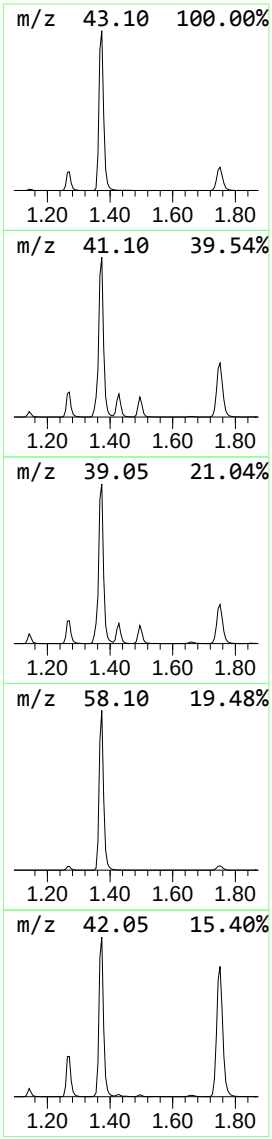
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.373	298.65 ug/l	6926240	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	86
2	Acetone	58	C3H6O	000067-64-1	9
3	Isobutane	58	C4H10	000075-28-5	9
4	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9
5	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	9





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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31573

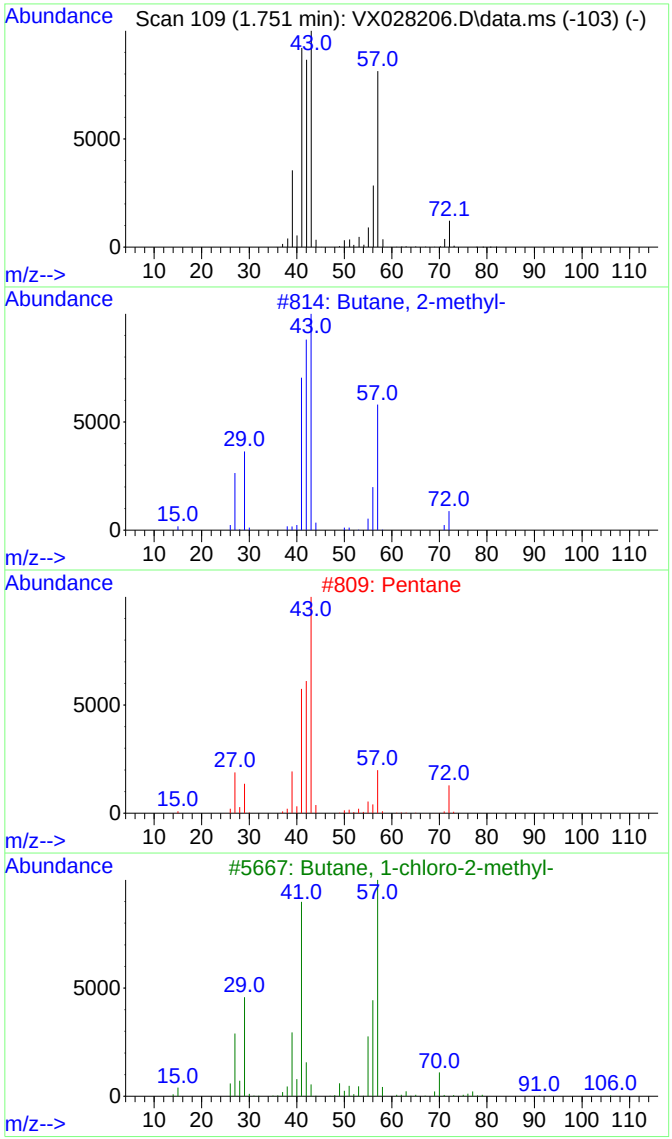
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

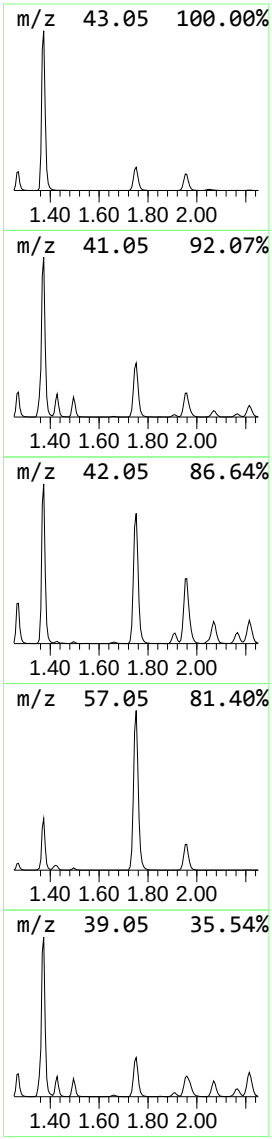
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Butane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.751	120.65 ug/l	2798130	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2	Pentane	72	C5H12	000109-66-0	38
3	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	12
4	1-Butene	56	C4H8	000106-98-9	10
5	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
Data File : VX028206.D
Acq On : 20 Apr 2022 18:31
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31573

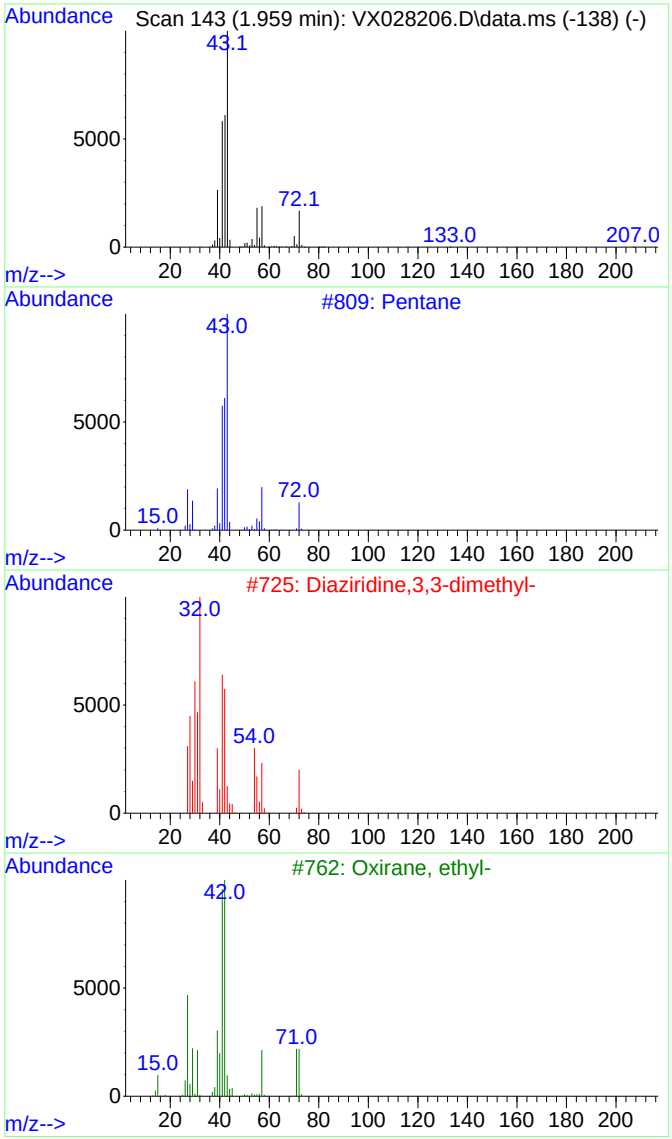
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

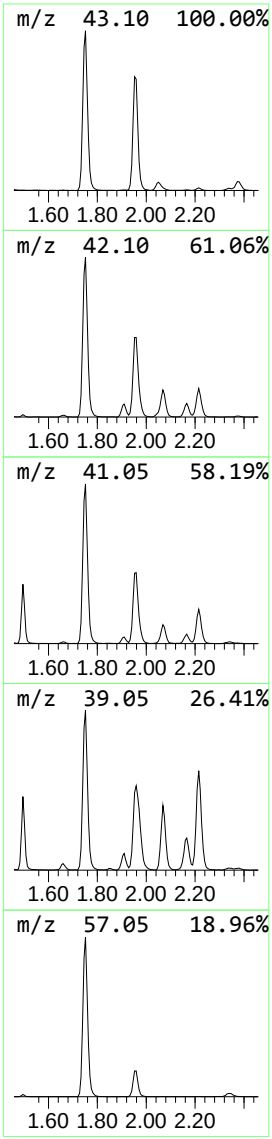
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.959	77.55 ug/l	1798500	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	87
2	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	52
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	38
4	Tetrahydrofuran	72	C4H8O	000109-99-9	32
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	23





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
Data File : VX028206.D
Acq On : 20 Apr 2022 18:31
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31573

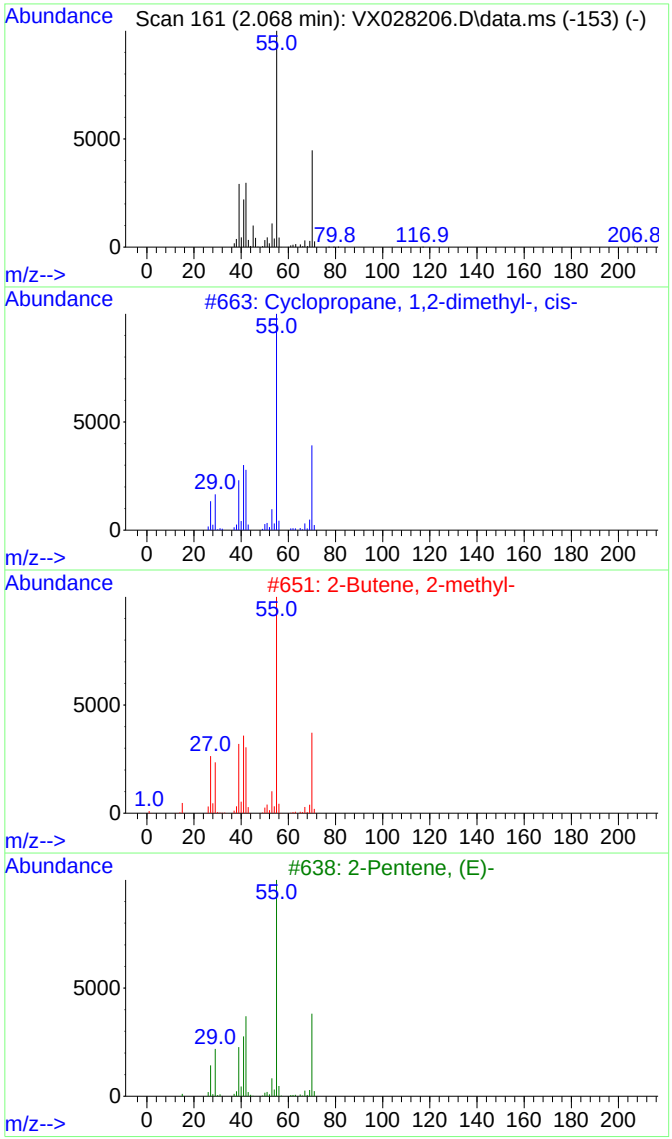
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

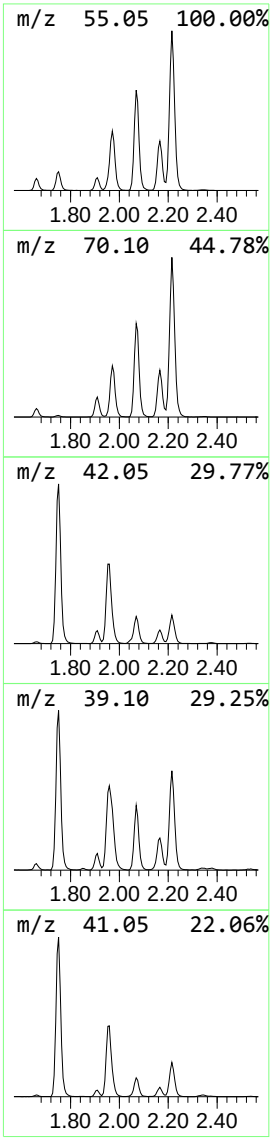
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopropane, 1,2-dimethyl-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.068	46.90 ug/l	1087690	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	83
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	83
3	2-Pentene, (E)-	70	C5H10	000646-04-8	74
4	2-Methyl-1-butene	70	C5H10	000563-46-2	74
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	64





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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31573

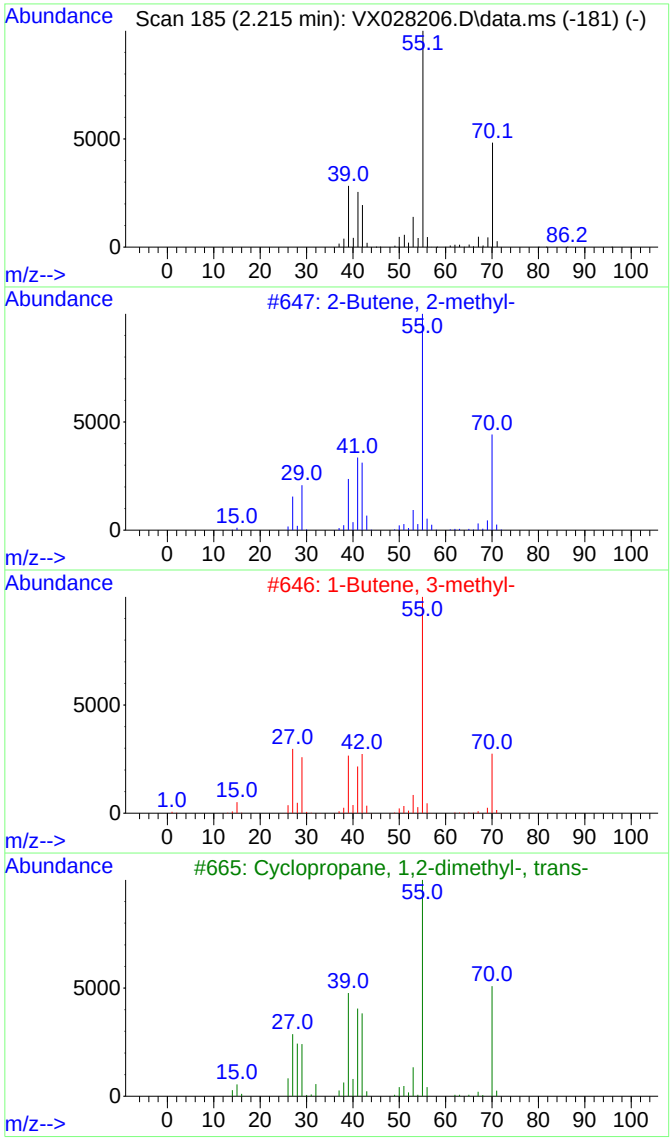
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

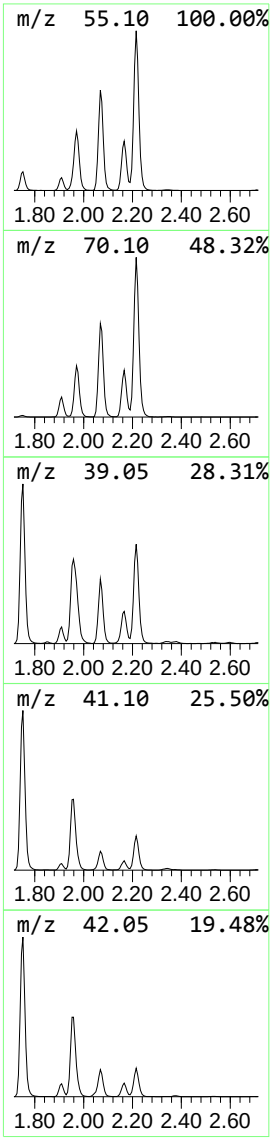
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Butene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.215	59.45 ug/l	1378700	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2-methyl-	70	C5H10	000513-35-9	90
2	1-Butene, 3-methyl-	70	C5H10	000563-45-1	86
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83
4	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80
5	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
Data File : VX028206.D
Acq On : 20 Apr 2022 18:31
Operator : JC/MD
Sample : N2459-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31573

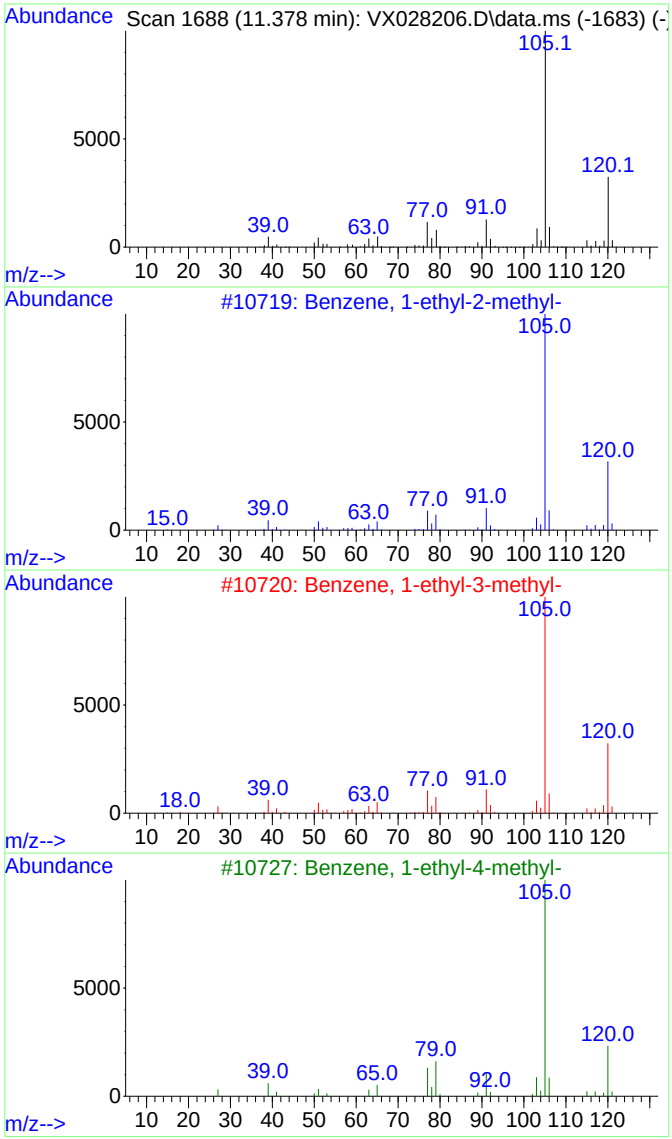
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

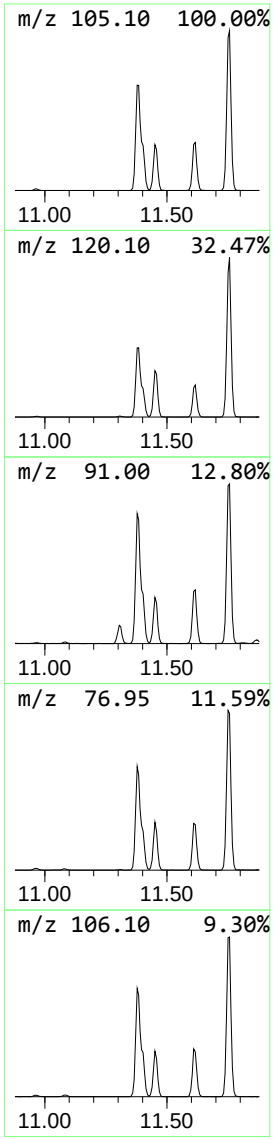
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	94.24 ug/l	3853310	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
Data File : VX028206.D
Acq On : 20 Apr 2022 18:31
Operator : JC/MD
Sample : N2459-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31573

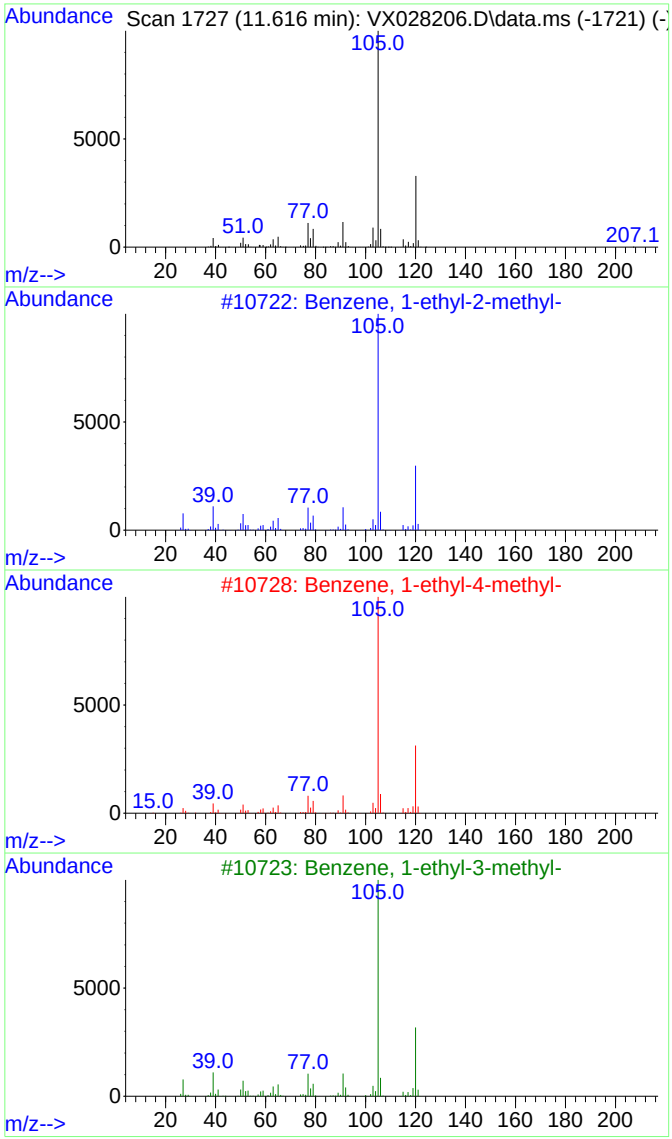
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

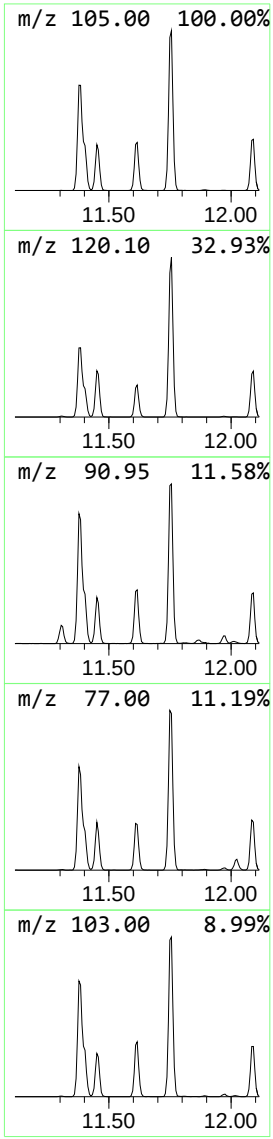
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	31.71 ug/l	1296820	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
Data File : VX028206.D
Acq On : 20 Apr 2022 18:31
Operator : JC/MD
Sample : N2459-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31573

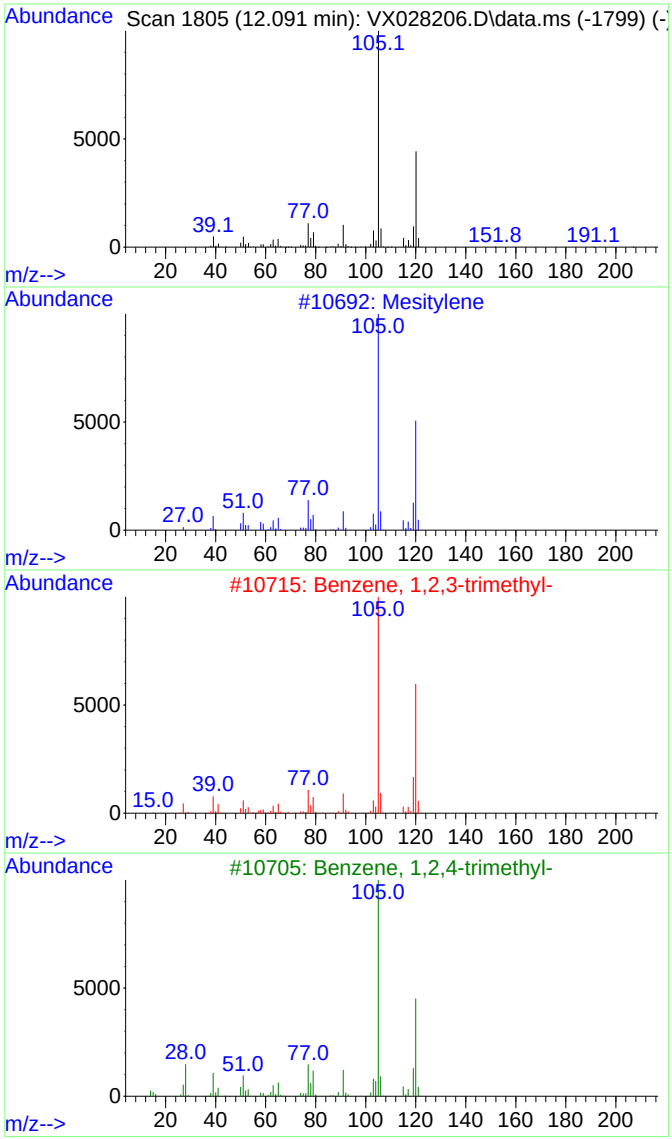
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

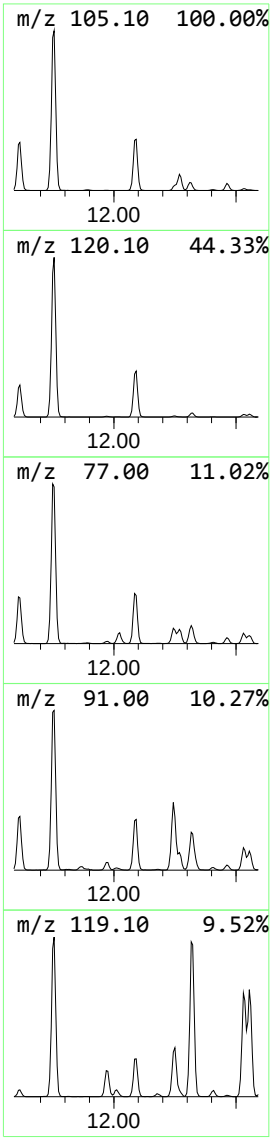
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Mesitylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.091	36.33 ug/l	1485580	1,4-Dichlorobenzene-d4	12.024

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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
Data File : VX028206.D
Acq On : 20 Apr 2022 18:31
Operator : JC/MD
Sample : N2459-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31573

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

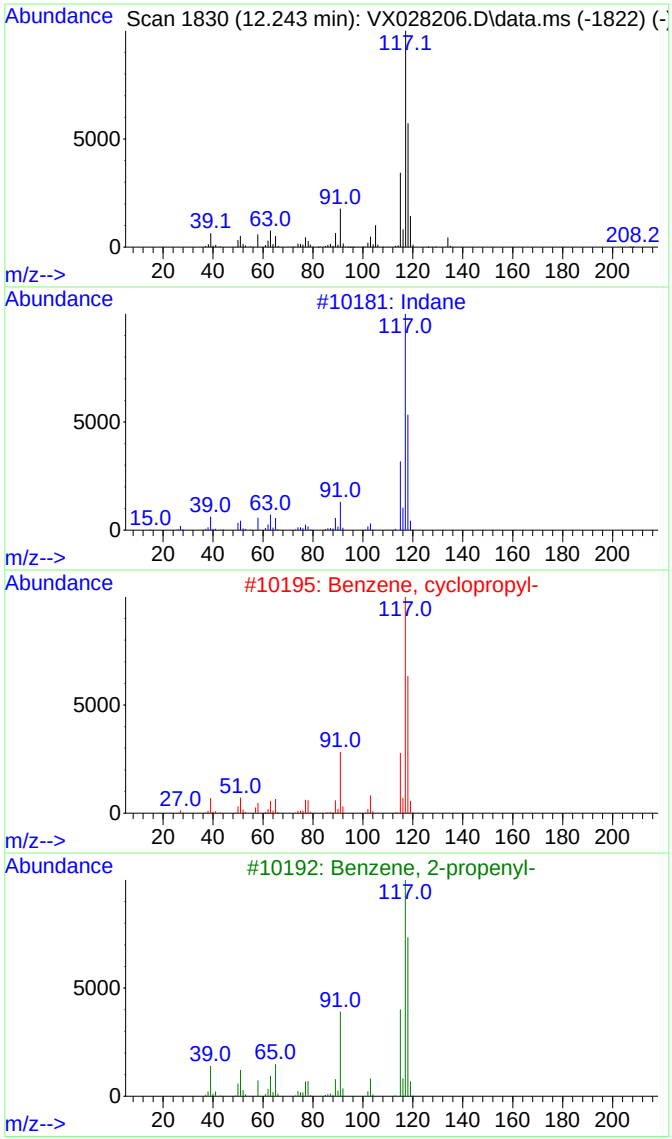
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

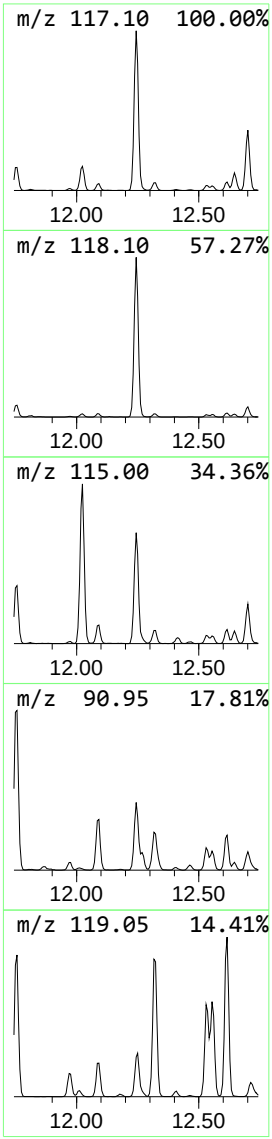
****

Peak Number 10 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.243	38.39 ug/l	1569970	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	68
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	55
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
Data File : VX028206.D
Acq On : 20 Apr 2022 18:31
Operator : JC/MD
Sample : N2459-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31573

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isobutane	1.270	36.7	ug/l	851929	1	5.556	1159590	50.0
Butane	1.373	298.6	ug/l	6926240	1	5.556	1159590	50.0
Butane, 2-methyl-	1.751	120.7	ug/l	2798130	1	5.556	1159590	50.0
Pentane	1.959	77.5	ug/l	1798500	1	5.556	1159590	50.0
Cyclopropane, 1...	2.068	46.9	ug/l	1087690	1	5.556	1159590	50.0
2-Butene, 2-met...	2.215	59.5	ug/l	1378700	1	5.556	1159590	50.0
Benzene, 1-ethy...	11.378	94.2	ug/l	3853310	4	12.024	2044510	50.0
Benzene, 1-ethy...	11.616	31.7	ug/l	1296820	4	12.024	2044510	50.0
Mesitylene	12.091	36.3	ug/l	1485580	4	12.024	2044510	50.0
Indane	12.243	38.4	ug/l	1569970	4	12.024	2044510	50.0