LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
Data File : VX026378.D
Acq On : 06 Jan 2022 17:03
Operator : JC/MD
Sample : N1019-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PZ-9

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\82X123021W.M
Title : SW846 8260

Signal : TIC: VX026378.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.148	6	10	18	rVB	19046	20290	1.72%	0.184%
2	1.270	26	30	39	rVB	120788	108508	9.22%	0.986%
3	1.374	41	47	53	rVV	298285	302622	25.71%	2.750%
4	1.429	53	56	64	rVV2	17720	20949	1.78%	0.190%
5	1.752	104	109	121	rVB	311167	434731	36.94%	3.951%
6	1.977	138	146	156	rVB2	120140	195442	16.61%	1.776%
7	2.075	156	162	168	rBV	58099	80306	6.82%	0.730%
8	2.172	172	178	181	rVV	33773	52013	4.42%	0.473%
9	2.221	181	186	201	rVB	495459	756497	64.28%	6.875%
10	2.386	210	213	223	rVB	7041	11864	1.01%	0.108%
11	2.569	232	243	263	rBV	9202	39224	3.33%	0.356%
12	2.751	263	273	284	rVV	106362	218527	18.57%	1.986%
13	2.873	284	293	307	rVB	104159	223365	18.98%	2.030%
14	3.739	420	435	443	rBV	14074	34955	2.97%	0.318%
15	3.843	443	452	457	rVV2	10713	25888	2.20%	0.235%
16	3.910	457	463	472	rVV	12805	32246	2.74%	0.293%
17	3.995	472	477	487	rVV3	5597	14446	1.23%	0.131%
18	4.105	487	495	507	rVB2	11830	31155	2.65%	0.283%
19	4.312	516	529	540	rBV3	26410	75515	6.42%	0.686%
20	4.434	540	549	560	rVB3	11191	31529	2.68%	0.287%
21	4.727	588	597	609	rBV2	8167	23666	2.01%	0.215%
22	5.202	663	675	688	rBV2	39736	116729	9.92%	1.061%
23	5.391	695	706	716	rBV	89227	261401	22.21%	2.375%
24	5.556	724	733	748	rVB	160159	450762	38.30%	4.096%
25	5.958	789	799	805	rBV	103369	271402	23.06%	2.466%
26	6.044	805	813	829	rVV	410861	1080394	91.80%	9.818%
27	6.208	829	840	859	rVB2	23161	81040	6.89%	0.736%
28	6.763	921	931	945	rBV	242062	585062	49.71%	5.317%
29	8.653	1234	1241	1247	rBV	486729	760492	64.62%	6.911%
30	8.720	1247	1252	1264	rVB	290814	450984	38.32%	4.098%
31	8.958	1286	1291	1296	rBV2	14399	21654	1.84%	0.197%
32	9.049	1296	1306	1315	rVB2	14063	25090	2.13%	0.228%
33	10.055	1465	1471	1482	rVB	490088	660328	56.11%	6.001%
34	10.195	1488	1494	1502	rBV	605932	766811	65.16%	6.968%
35	10.299	1502	1511	1525	rVB	833287	1176867	100.00%	10.695%
36	10.640	1562	1567	1574	rVB	93192	122519	10.41%	1.113%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
Data File : VX026378.D
Acq On : 06 Jan 2022 17:03
Operator : JC/MD
Sample : N1019-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PZ-9

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\82X123021W.M
Title : SW846 8260

37	10.963	1614	1620	1625	rBV	25136	30588	2.60%	0.278%
38	11.079	1634	1639	1647	rBV	384087	496320	42.17%	4.510%
39	11.305	1668	1676	1682	rBV	13558	18555	1.58%	0.169%
40	11.402	1682	1692	1697	rVB	6215	12750	1.08%	0.116%
41	11.616	1722	1727	1732	rBV	27658	33145	2.82%	0.301%
42	11.756	1745	1750	1755	rBV	46039	57282	4.87%	0.521%
43	12.024	1788	1794	1800	rBV	480249	591465	50.26%	5.375%
44	12.085	1800	1804	1810	rVB	12921	16599	1.41%	0.151%
45	12.244	1821	1830	1839	rBV	115403	150257	12.77%	1.365%
46	12.414	1853	1858	1862	rBV	10080	12280	1.04%	0.112%
47	13.774	2077	2081	2086	rBV	15226	19660	1.67%	0.179%

Sum of corrected areas: 11004174

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
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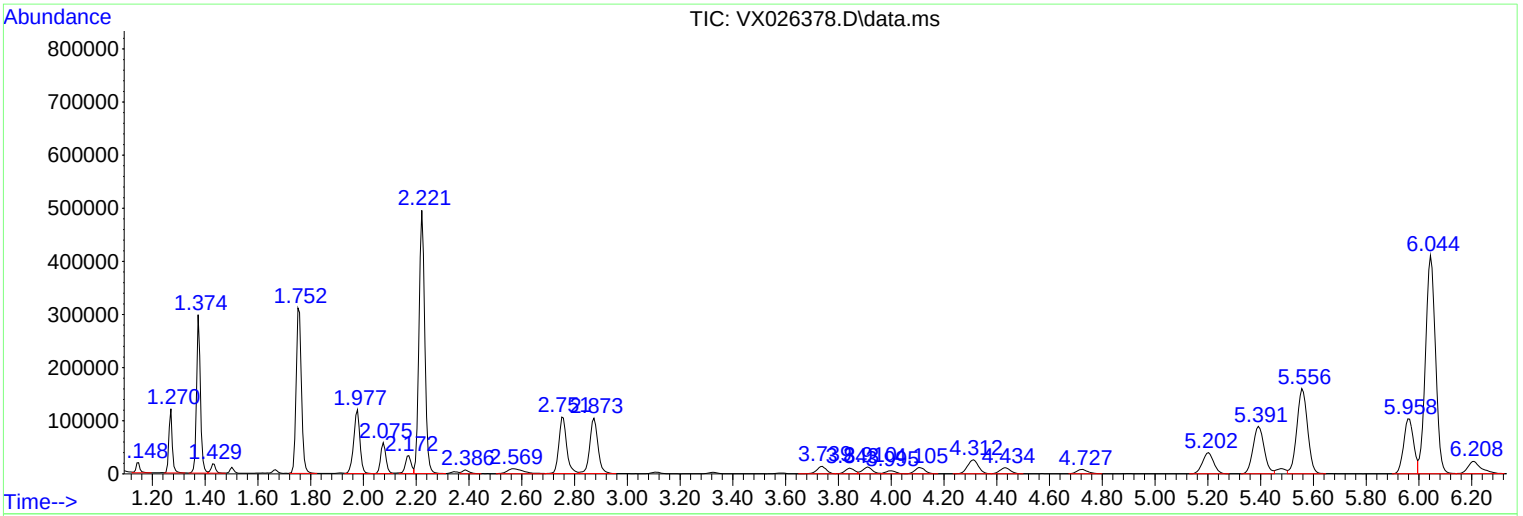
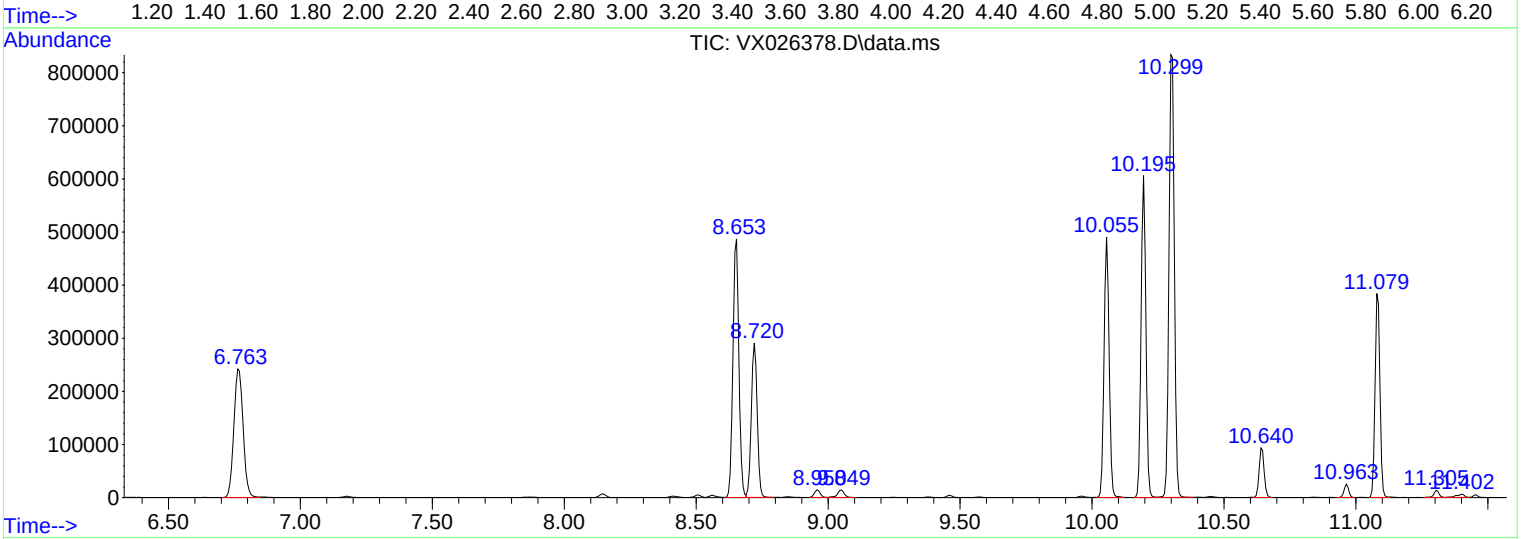
ALS Vial : 14 Sample Multiplier: 1

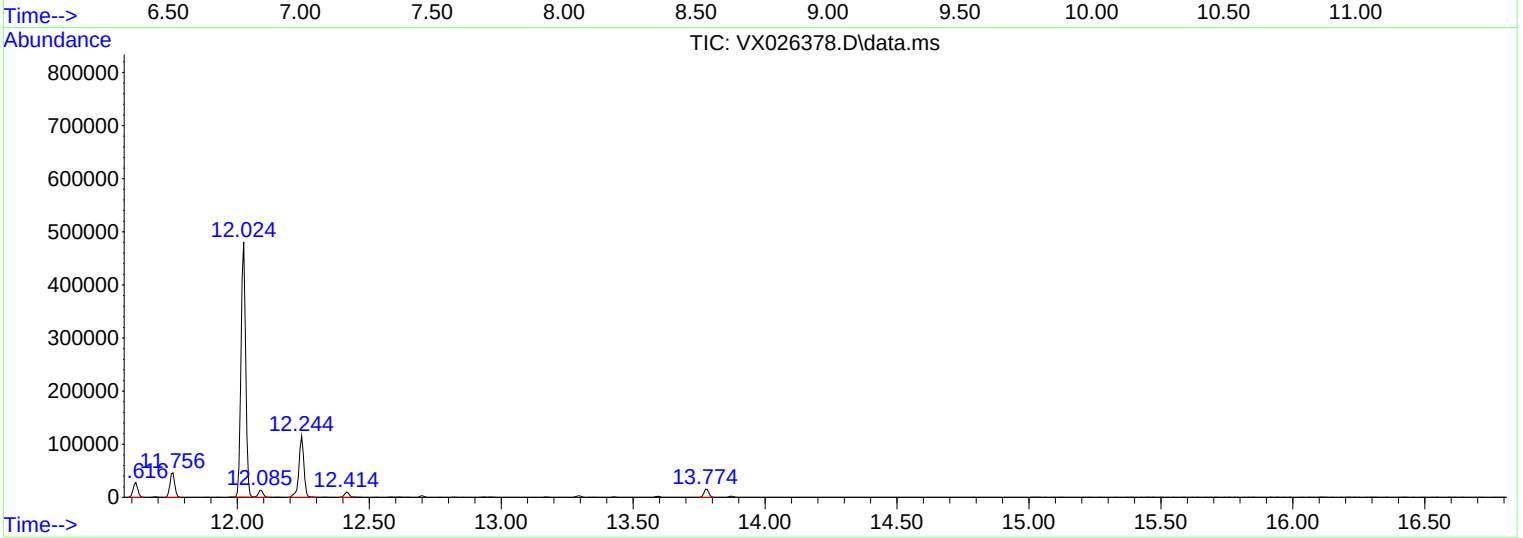
Instrument :
MSVOA_X
ClientSampleId :
PZ-9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
Data File : VX026378.D
Acq On : 06 Jan 2022 17:03
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
PZ-9

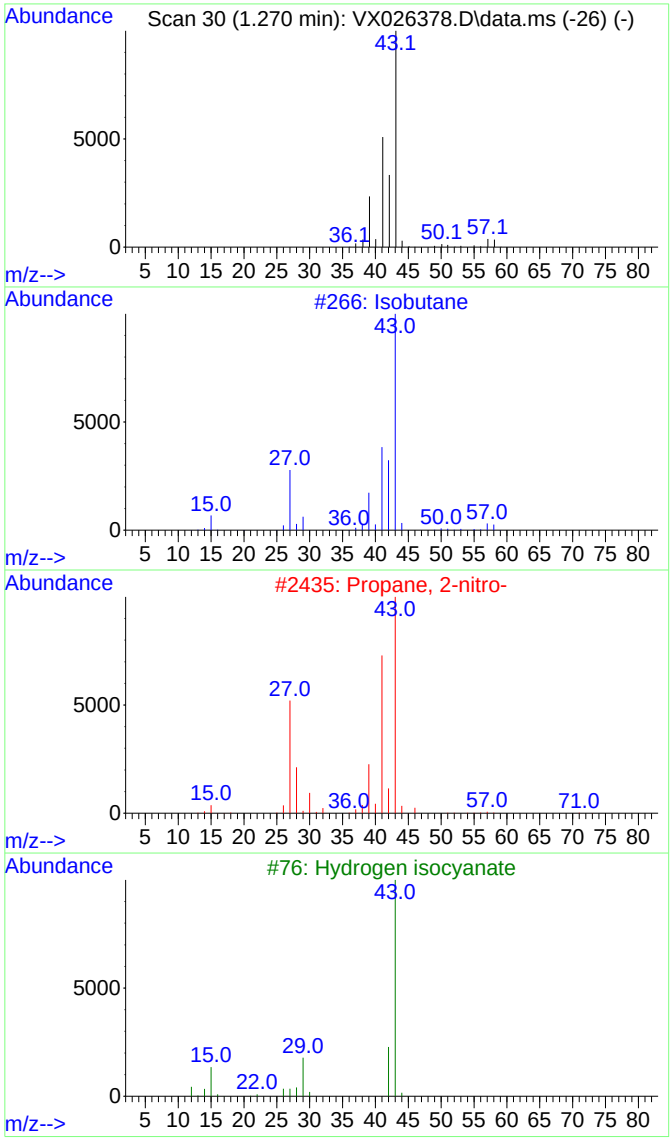
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260

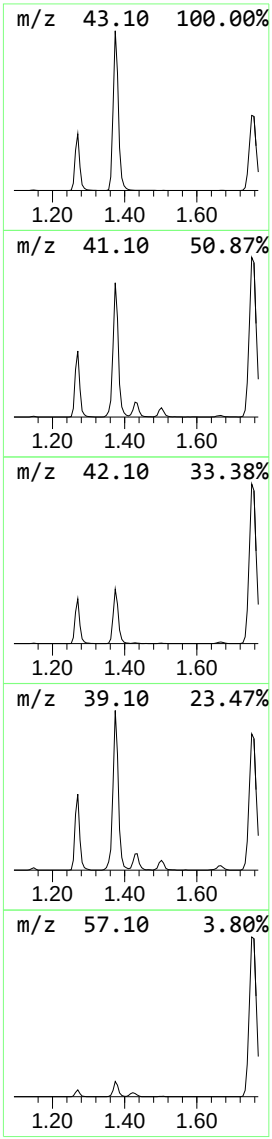
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Isobutane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.270	12.04 ug/l	108508	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	72
2	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9
3	Hydrogen isocyanate	43	CHNO	000075-13-8	4
4	Propane, 1-chloro-2-methyl-	92	C4H9Cl	000513-36-0	4
5	Propene	42	C3H6	000115-07-1	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
Data File : VX026378.D
Acq On : 06 Jan 2022 17:03
Operator : JC/MD
Sample : N1019-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PZ-9

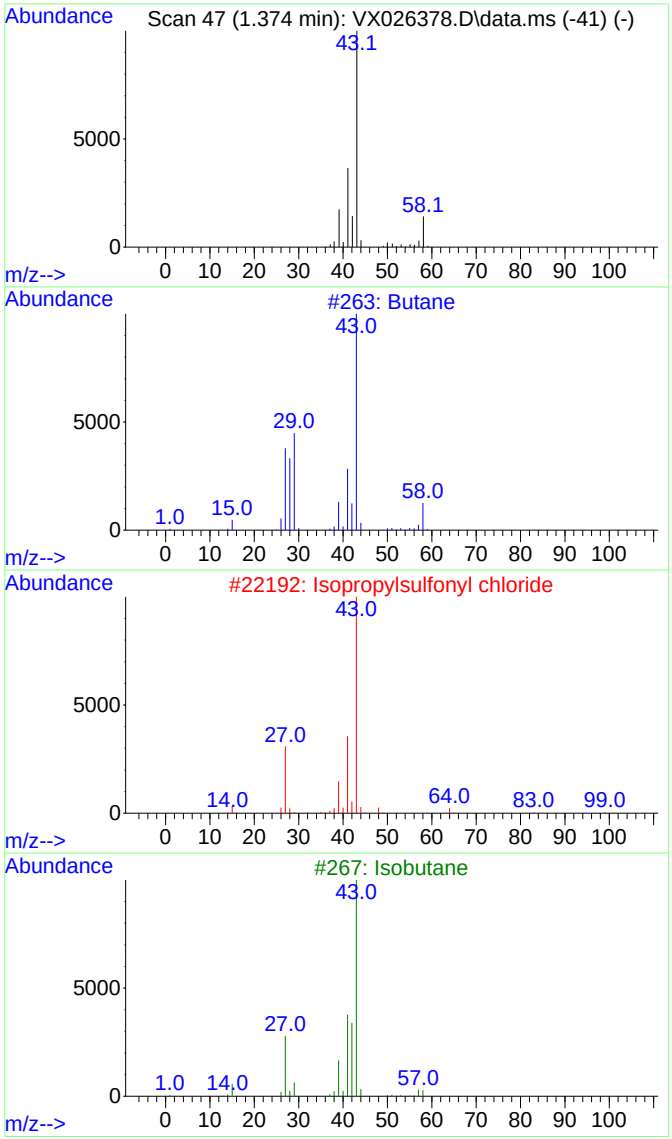
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260

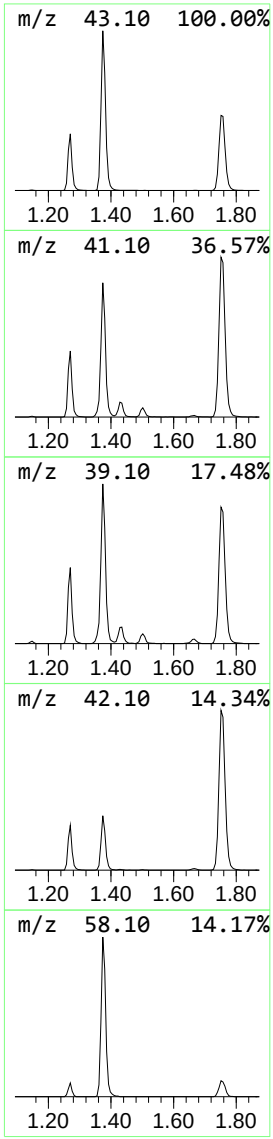
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.374	33.57 ug/l	302622	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	72
2	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9
3	Isobutane	58	C4H10	000075-28-5	9
4	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	9
5	Diazene, dimethyl-	58	C2H6N2	000503-28-6	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
Data File : VX026378.D
Acq On : 06 Jan 2022 17:03
Operator : JC/MD
Sample : N1019-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PZ-9

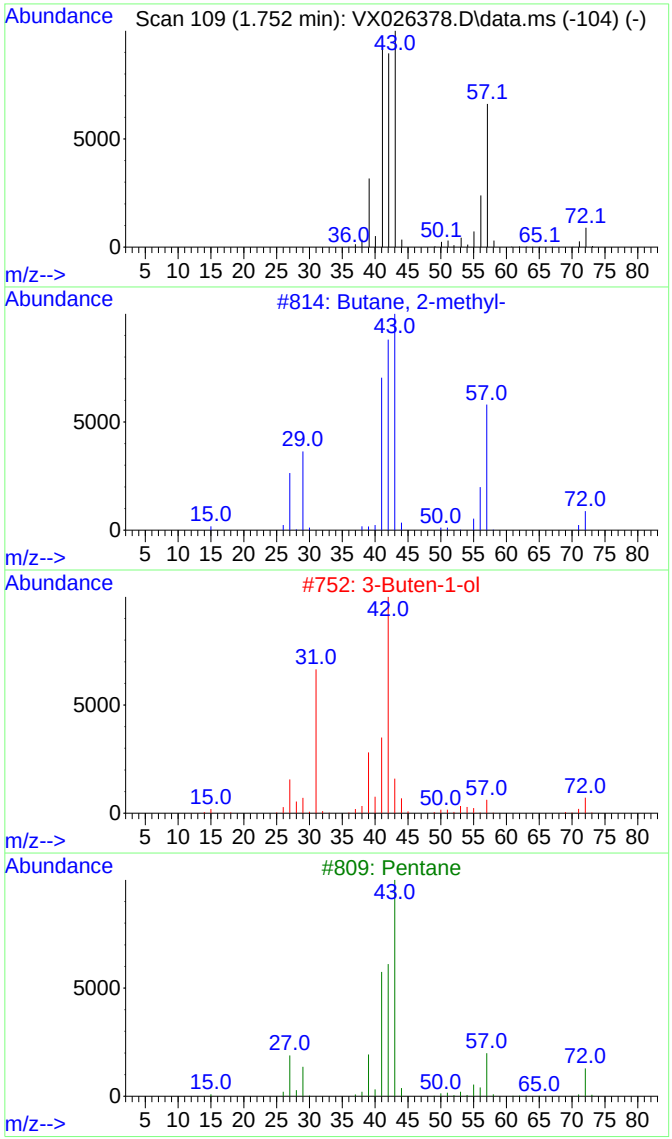
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260

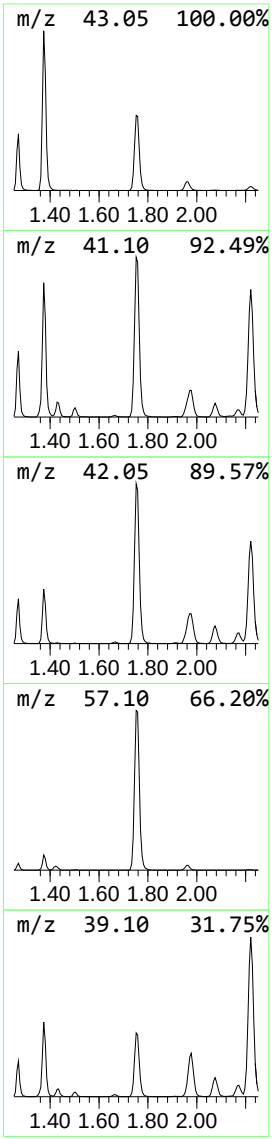
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.752	48.22 ug/l	434731	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	3-Buten-1-ol	72	C4H8O	000627-27-0	47
3	Pentane	72	C5H12	000109-66-0	36
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	9
5	1-Butene	56	C4H8	000106-98-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
Data File : VX026378.D
Acq On : 06 Jan 2022 17:03
Operator : JC/MD
Sample : N1019-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PZ-9

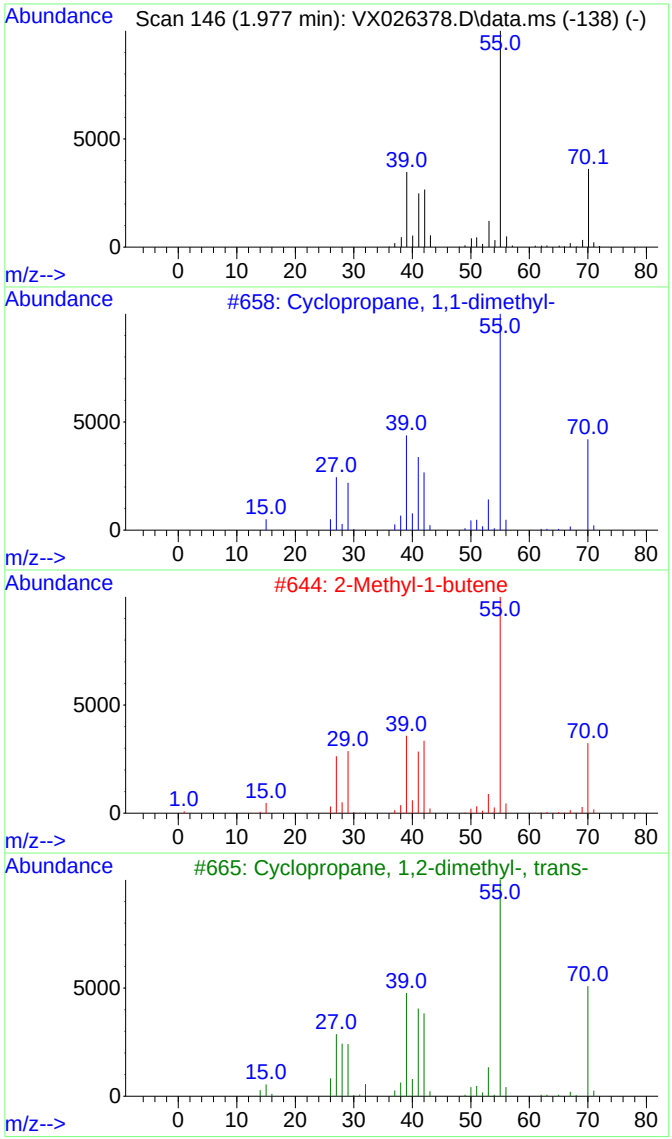
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260

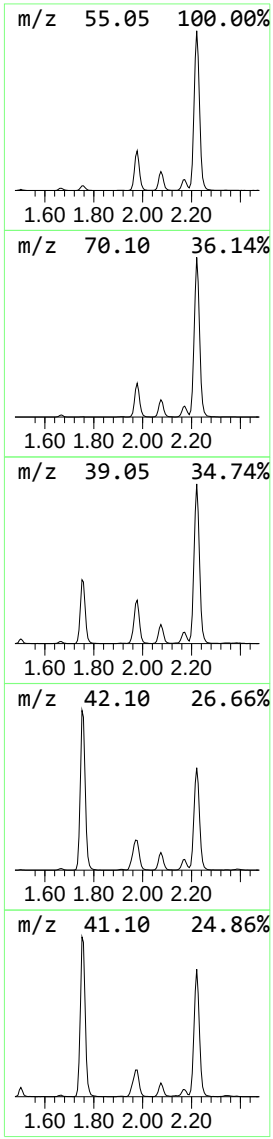
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopropane, 1,1-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.977	21.68 ug/l	195442	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	91
2	2-Methyl-1-butene	70	C5H10	000563-46-2	90
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87
4	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87
5	2-Pentene, (E)-	70	C5H10	000646-04-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
Data File : VX026378.D
Acq On : 06 Jan 2022 17:03
Operator : JC/MD
Sample : N1019-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PZ-9

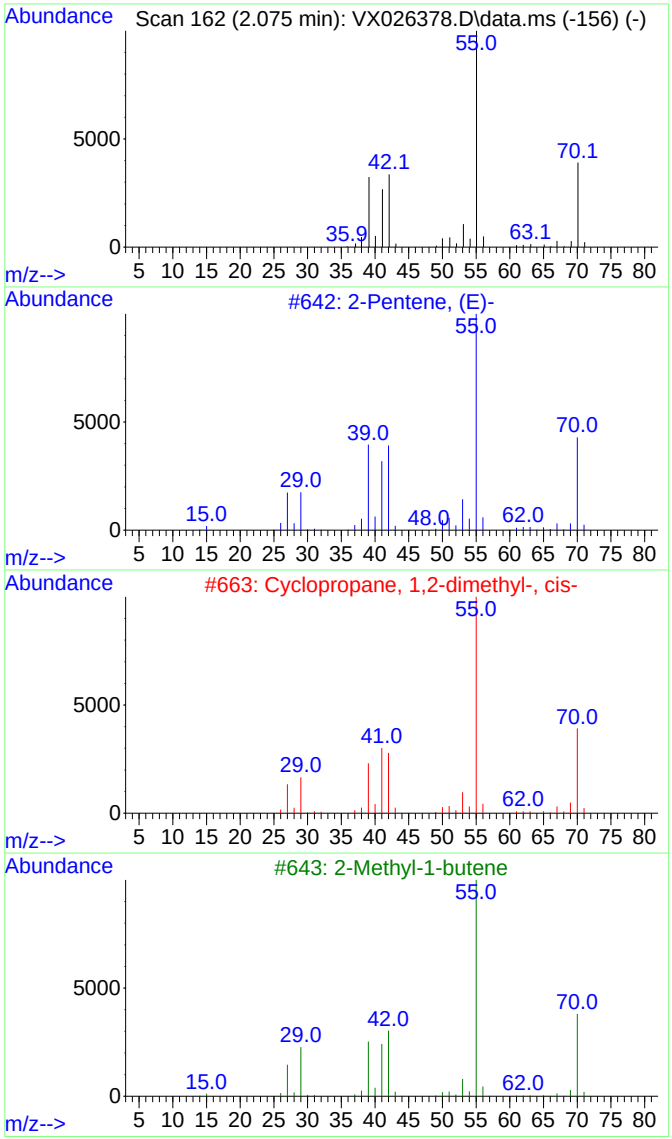
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260

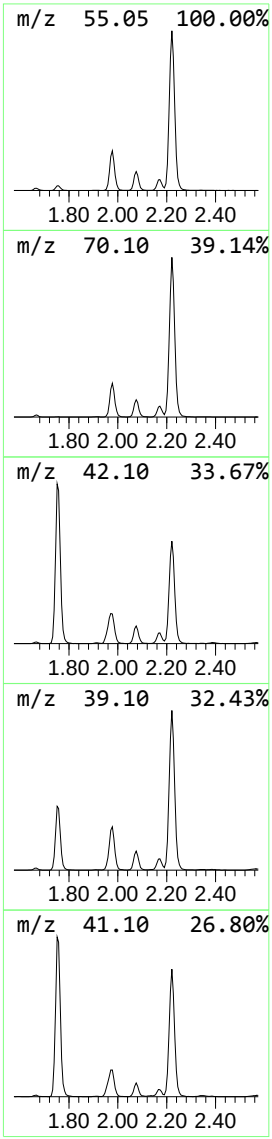
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Pentene, (E)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.075	8.91 ug/l	80306	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	93
2	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
3	2-Methyl-1-butene	70	C5H10	000563-46-2	90
4	2-Pentene, (Z)-	70	C5H10	000627-20-3	90
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
Data File : VX026378.D
Acq On : 06 Jan 2022 17:03
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PZ-9

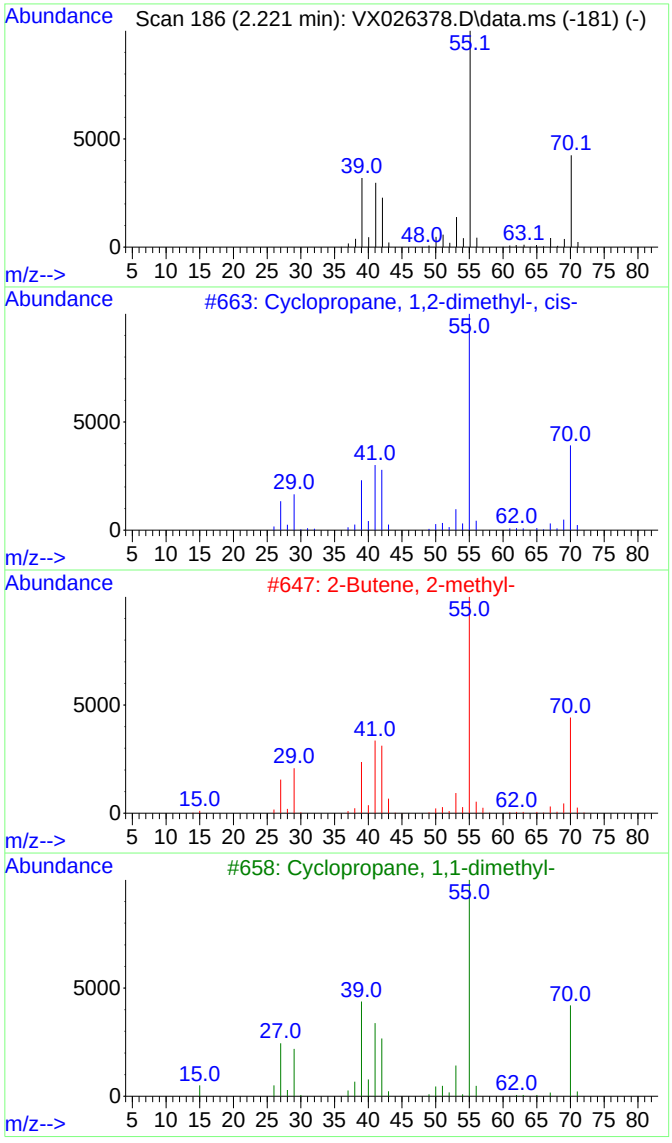
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260

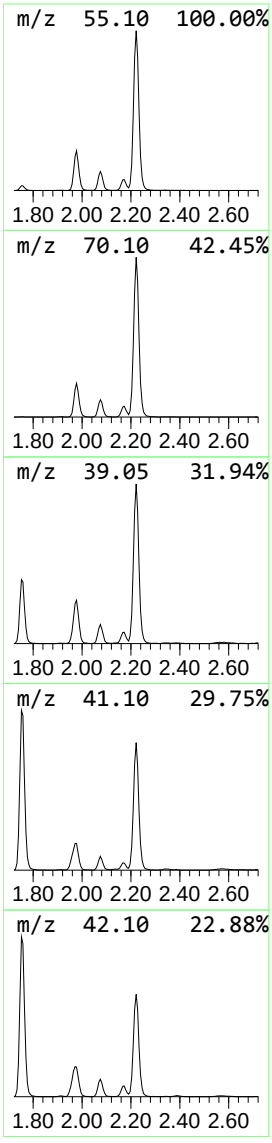
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.221	83.91 ug/l	756497	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	86
3	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80
4	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	80
5	2-Pentene	70	C5H10	000109-68-2	78





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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PZ-9

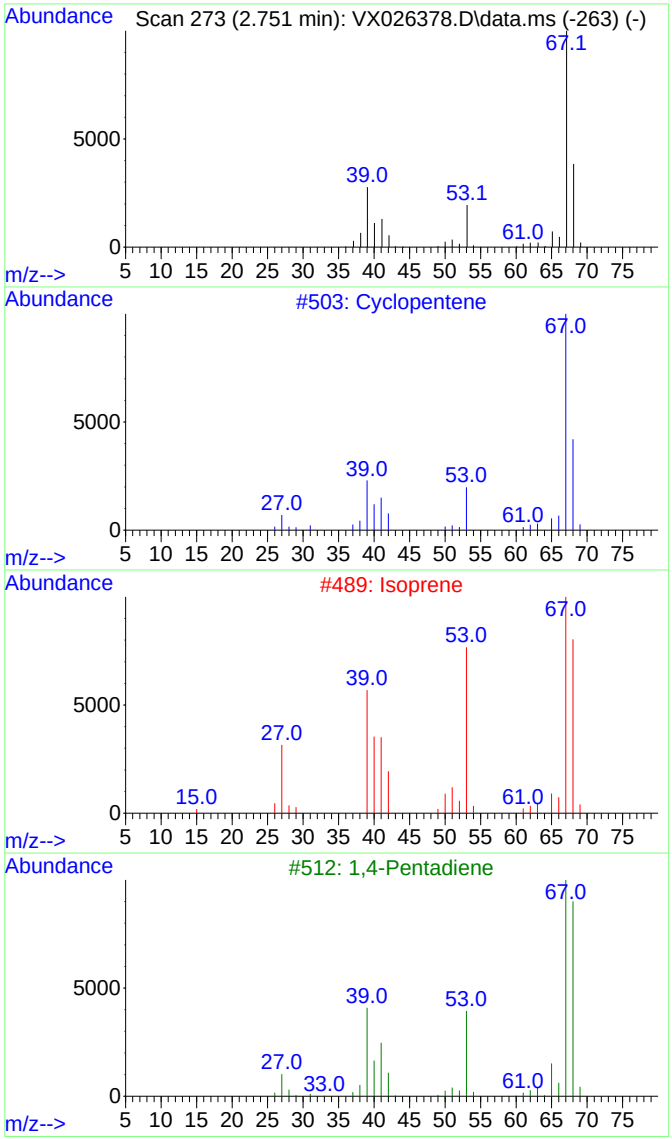
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260

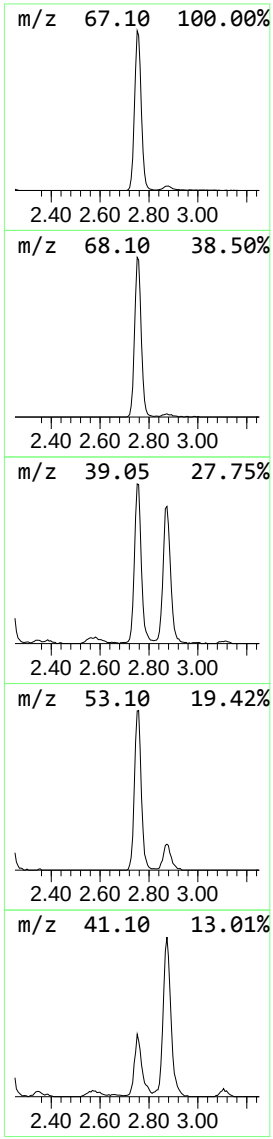
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopentene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.751	24.24 ug/l	218527	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene	68	C5H8	000142-29-0	91
2	Isoprene	68	C5H8	000078-79-5	59
3	1,4-Pentadiene	68	C5H8	000591-93-5	58
4	1,3-Pentadiene, (Z)-	68	C5H8	001574-41-0	58
5	1,3-Pentadiene, (E)-	68	C5H8	002004-70-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
Data File : VX026378.D
Acq On : 06 Jan 2022 17:03
Operator : JC/MD
Sample : N1019-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PZ-9

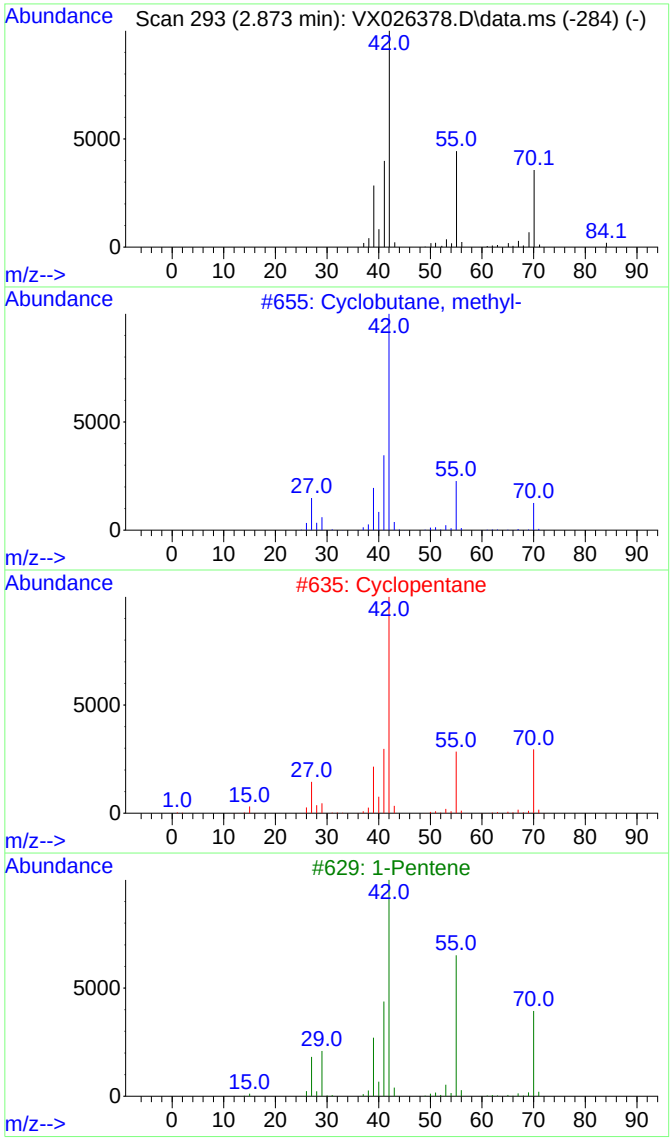
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260

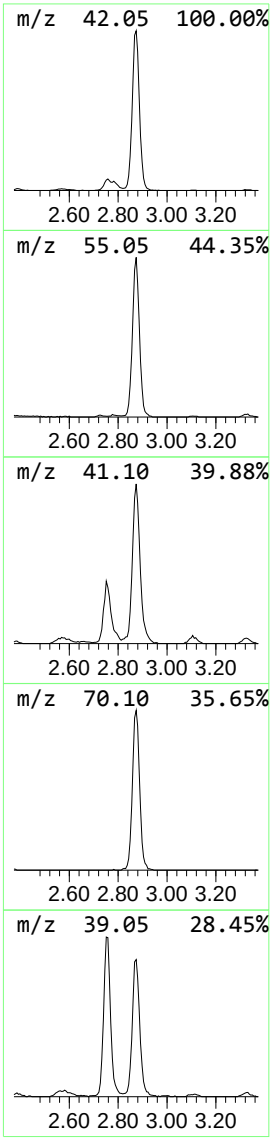
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclobutane, methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.873	24.78 ug/l	223365	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, methyl-	70	C5H10	000598-61-8	78
2	Cyclopentane	70	C5H10	000287-92-3	78
3	1-Pentene	70	C5H10	000109-67-1	64
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	64
5	Cyclobutanone	70	C4H6O	001191-95-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
Data File : VX026378.D
Acq On : 06 Jan 2022 17:03
Operator : JC/MD
Sample : N1019-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PZ-9

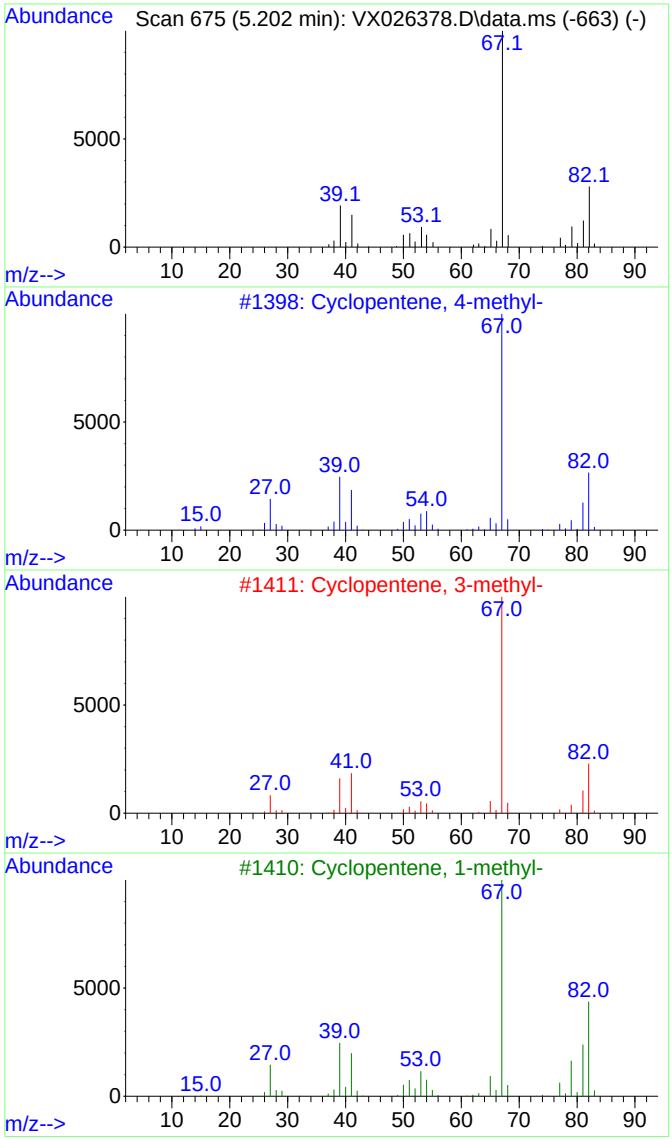
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260

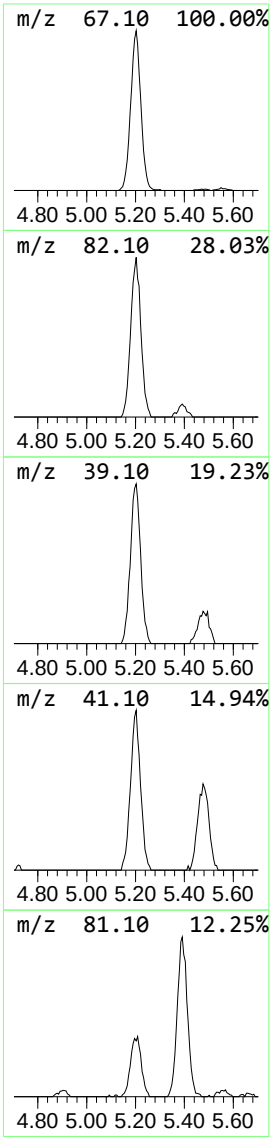
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopentene, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.202	12.95 ug/l	116729	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	91
2	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	90
3	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	90
4	Cyclopentane, methylene-	82	C6H10	001528-30-9	87
5	Bicyclo[3.1.0]hexane	82	C6H10	000285-58-5	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
Data File : VX026378.D
Acq On : 06 Jan 2022 17:03
Operator : JC/MD
Sample : N1019-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PZ-9

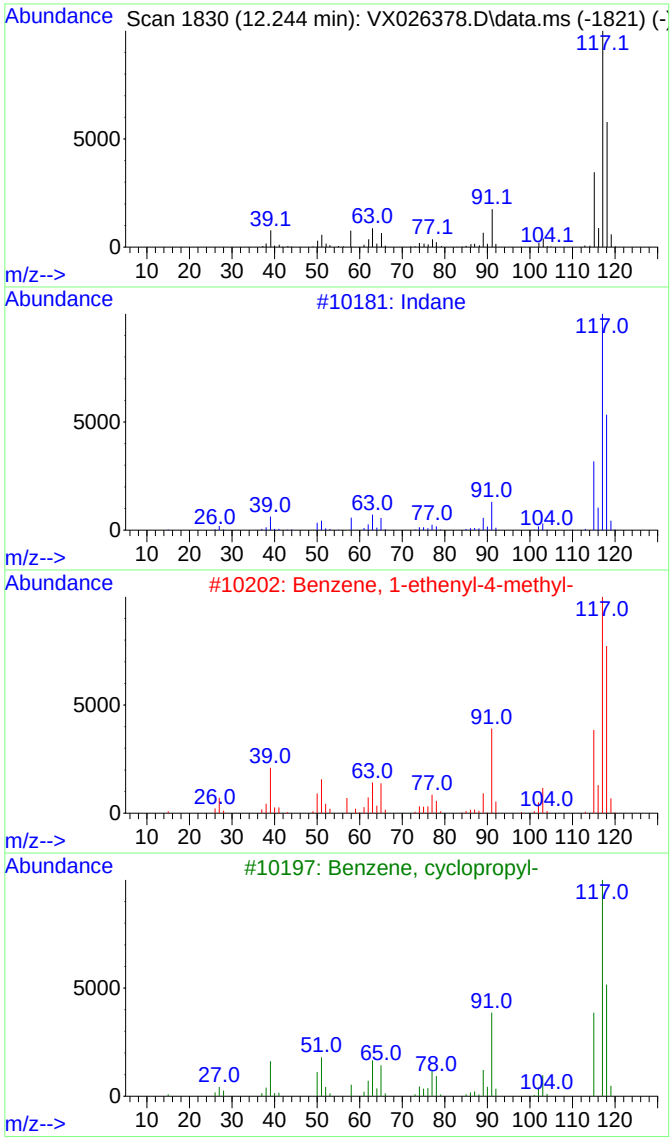
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260

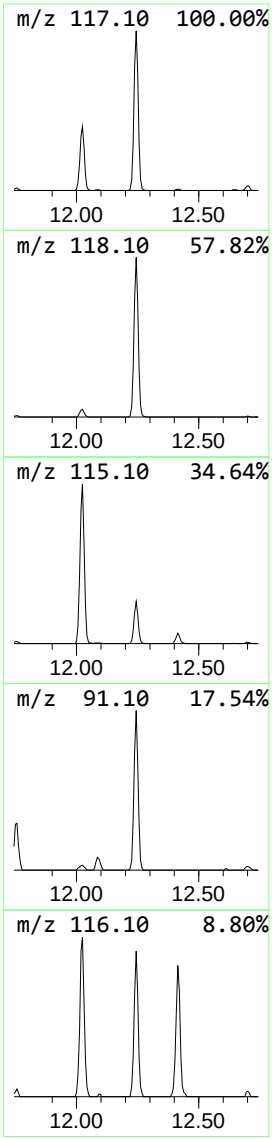
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	12.70 ug/l	150257	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	80
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
Data File : VX026378.D
Acq On : 06 Jan 2022 17:03
Operator : JC/MD
Sample : N1019-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PZ-9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.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	12.0	ug/l	108508	1	5.556	450762	50.0
Butane	1.374	33.6	ug/l	302622	1	5.556	450762	50.0
Butane, 2-methyl-	1.752	48.2	ug/l	434731	1	5.556	450762	50.0
Cyclopropane, 1...	1.977	21.7	ug/l	195442	1	5.556	450762	50.0
2-Pentene, (E)-	2.075	8.9	ug/l	80306	1	5.556	450762	50.0
Cyclopropane, 1...	2.221	83.9	ug/l	756497	1	5.556	450762	50.0
Cyclopentene	2.751	24.2	ug/l	218527	1	5.556	450762	50.0
Cyclobutane, me...	2.873	24.8	ug/l	223365	1	5.556	450762	50.0
Cyclopentene, 4...	5.202	12.9	ug/l	116729	1	5.556	450762	50.0
Indane	12.244	12.7	ug/l	150257	4	12.024	591465	50.0