LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
Data File : VD078823.D
Acq On : 16 Apr 2024 14:59
Operator : RP/MD
Sample : P2123-04
Misc : 4.52G/5ml/MSVOA_D/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RPI-SS-DUP-01

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_D\Method\82D031424S.M
Title : SW846 8260

Signal : TIC: VD078823.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.746	19	27	39	rBV	1250229	1900388	31.21%	6.799%
2	1.893	47	52	62	rVB	357933	456253	7.49%	1.632%
3	2.111	83	89	96	rBV	449041	593522	9.75%	2.124%
4	2.281	109	118	127	rBV	1976983	2841089	46.65%	10.165%
5	2.369	128	133	139	rVB2	34894	65575	1.08%	0.235%
6	2.946	219	231	242	rBV	2902242	6089602	100.00%	21.788%
7	3.305	282	292	306	rBV	1166389	2554837	41.95%	9.141%
8	4.011	401	412	423	rBV4	46301	154442	2.54%	0.553%
9	4.858	531	556	578	rBV4	219437	1093376	17.95%	3.912%
10	5.334	622	637	650	rBV2	149126	522819	8.59%	1.871%
11	5.840	711	723	737	rBV3	201414	608098	9.99%	2.176%
12	6.893	890	902	914	rVB2	224632	670984	11.02%	2.401%
13	7.804	1048	1057	1062	rBV	120295	300544	4.94%	1.075%
14	7.875	1062	1069	1079	rVV	694157	1729153	28.40%	6.187%
15	8.087	1095	1105	1111	rVV3	49678	118479	1.95%	0.424%
16	8.246	1122	1132	1144	rVV3	345672	914783	15.02%	3.273%
17	8.363	1144	1152	1159	rVV5	29338	76082	1.25%	0.272%
18	8.504	1171	1176	1185	rVB3	34485	80153	1.32%	0.287%
19	8.634	1190	1198	1208	rBV2	40138	82991	1.36%	0.297%
20	8.775	1212	1222	1238	rBV	310717	627890	10.31%	2.247%
21	9.275	1294	1307	1328	rBV	552139	1176423	19.32%	4.209%
22	10.269	1468	1476	1483	rBV	498261	934646	15.35%	3.344%
23	10.334	1483	1487	1494	rVB	74896	131065	2.15%	0.469%
24	11.581	1689	1699	1707	rBV	397448	680169	11.17%	2.434%
25	11.681	1710	1716	1725	rVB	56040	94403	1.55%	0.338%
26	11.793	1727	1735	1745	rVV	471803	873358	14.34%	3.125%
27	12.116	1781	1790	1801	rBV	249400	430577	7.07%	1.541%
28	12.569	1860	1867	1877	rBV	282109	466378	7.66%	1.669%
29	12.822	1904	1910	1914	rBV	83702	148727	2.44%	0.532%
30	12.857	1914	1916	1919	rVV2	51901	67162	1.10%	0.240%
31	12.904	1919	1924	1932	rVB	209806	335036	5.50%	1.199%
32	13.063	1945	1951	1957	rBV2	38619	61570	1.01%	0.220%
33	13.210	1968	1976	1984	rBV	243194	377729	6.20%	1.351%
34	13.516	2021	2028	2040	rVB2	358073	691101	11.35%	2.473%

Sum of corrected areas: 27949404

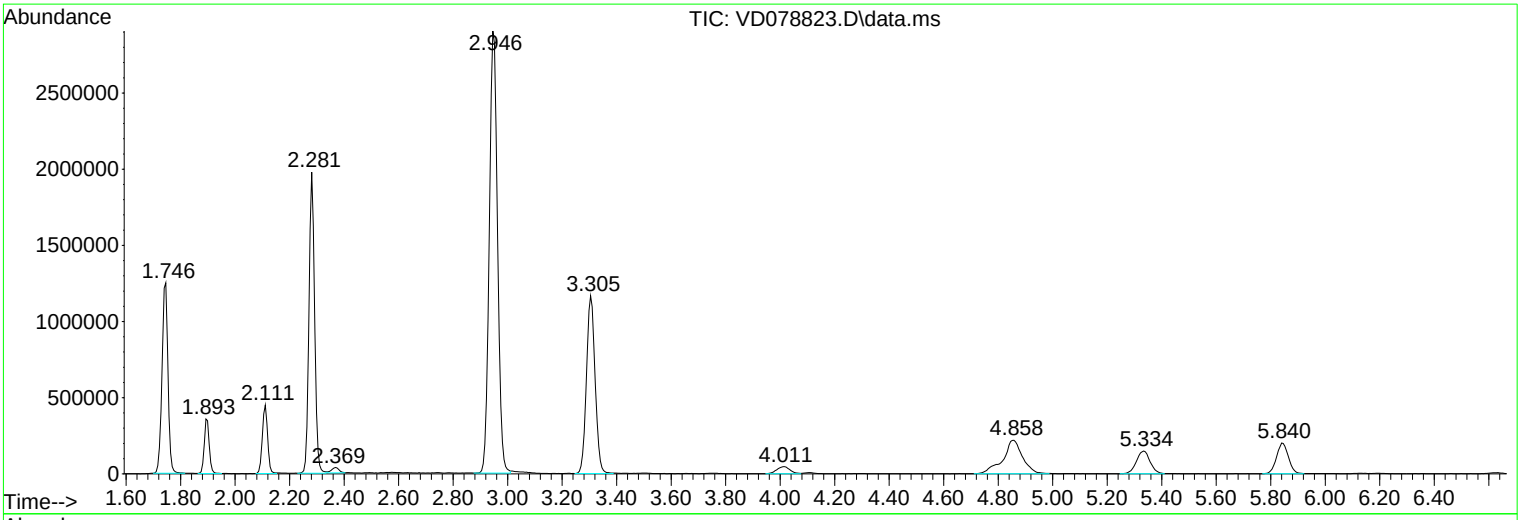
Instrument :
MSVOA_D
ClientSampleId :
RPI-SS-DUP-01

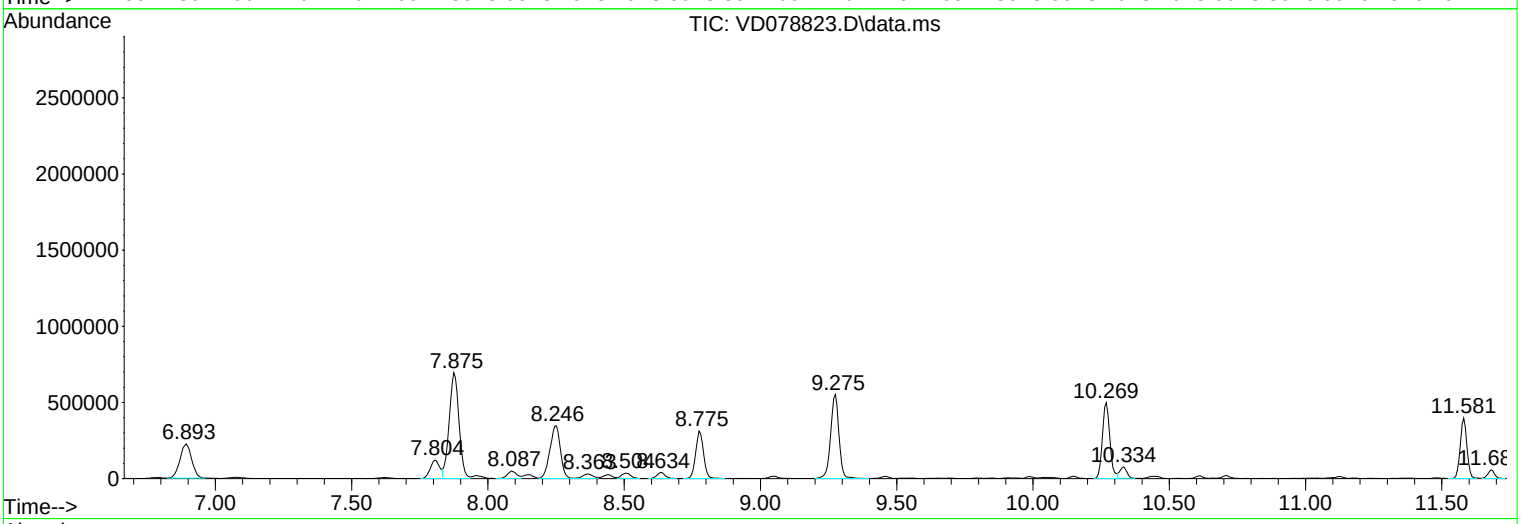
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
Data File : VD078823.D
Acq On : 16 Apr 2024 14:59
Operator : RP/MD
Sample : P2123-04
Misc : 4.52G/5ml/MSVOA_D/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

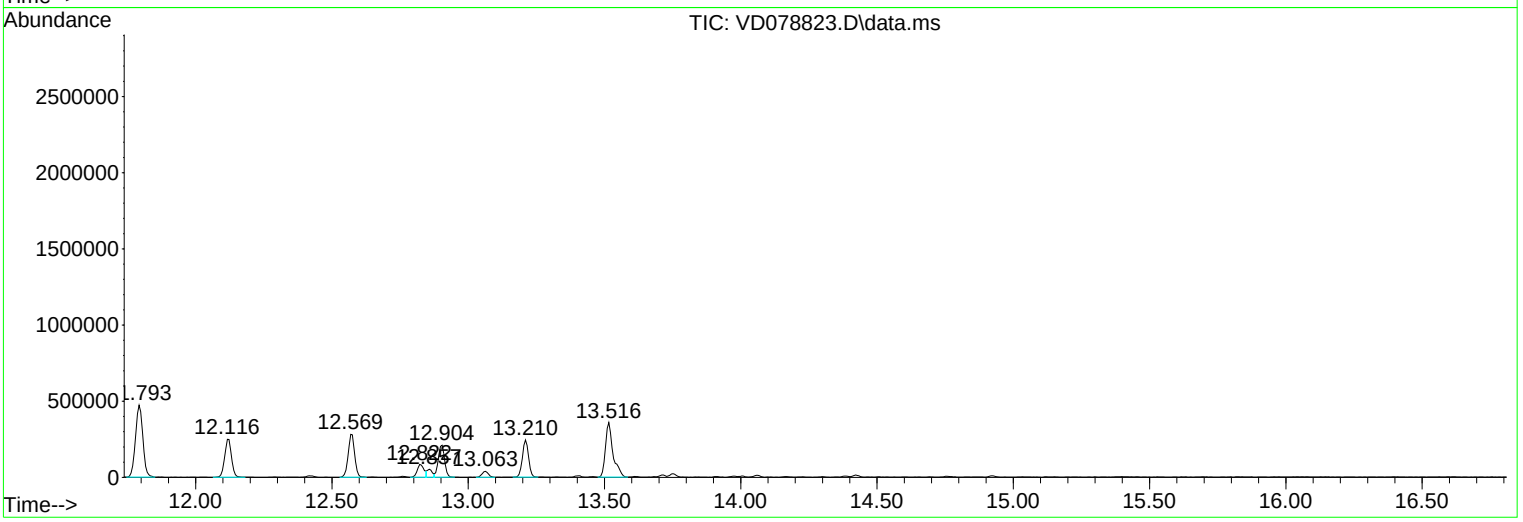
Instrument :
MSVOA_D
ClientSampleId :
RPI-SS-DUP-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260

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







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Data File : VD078823.D
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RPI-SS-DUP-01

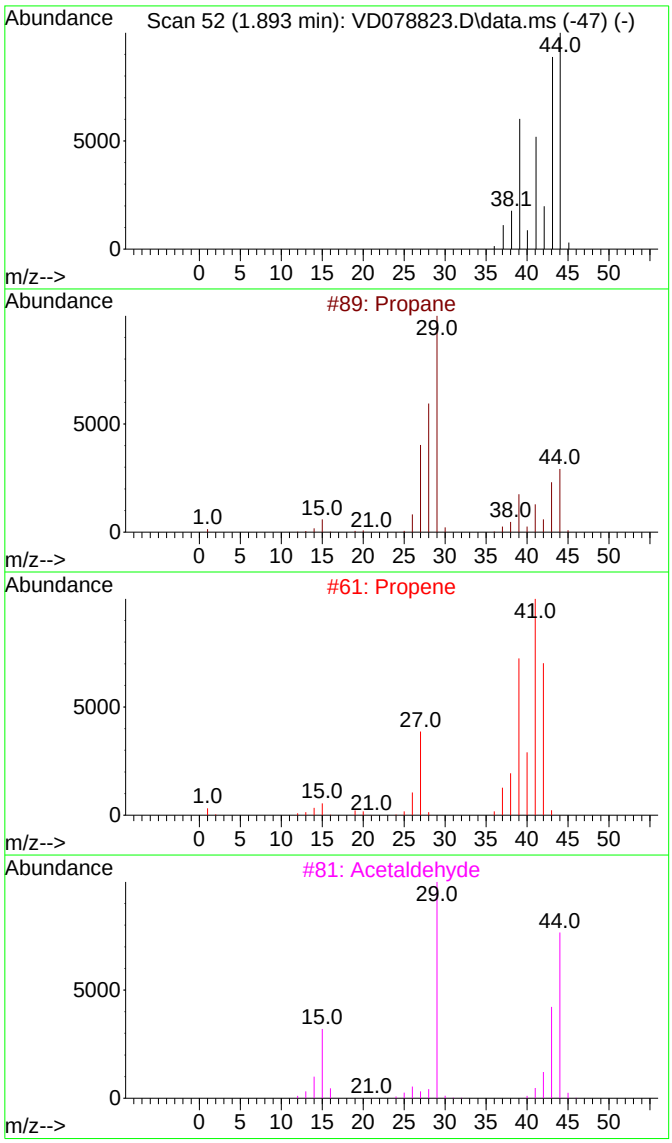
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260

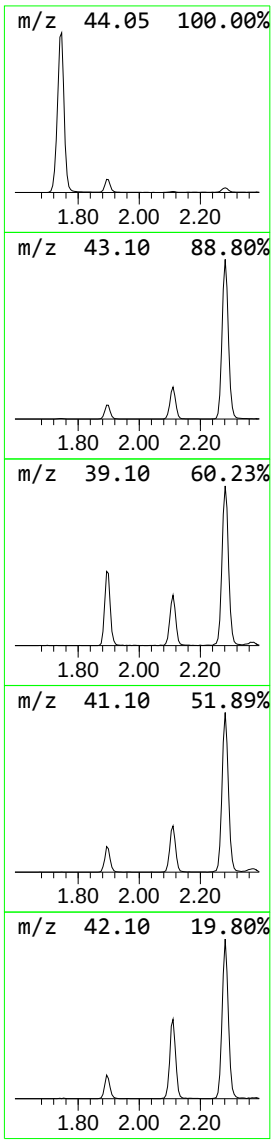
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Propane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.893	13.19 ug/l	456253	Pentafluorobenzene	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	83
2	Propene	42	C3H6	000115-07-1	9
3	Acetaldehyde	44	C2H4O	000075-07-0	5
4	Ethylene oxide	44	C2H4O	000075-21-8	5
5	Hydrogen isocyanate	43	CHNO	000075-13-8	3





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
Data File : VD078823.D
Acq On : 16 Apr 2024 14:59
Operator : RP/MD
Sample : P2123-04
Misc : 4.52G/5ml/MSVOA_D/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RPI-SS-DUP-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260

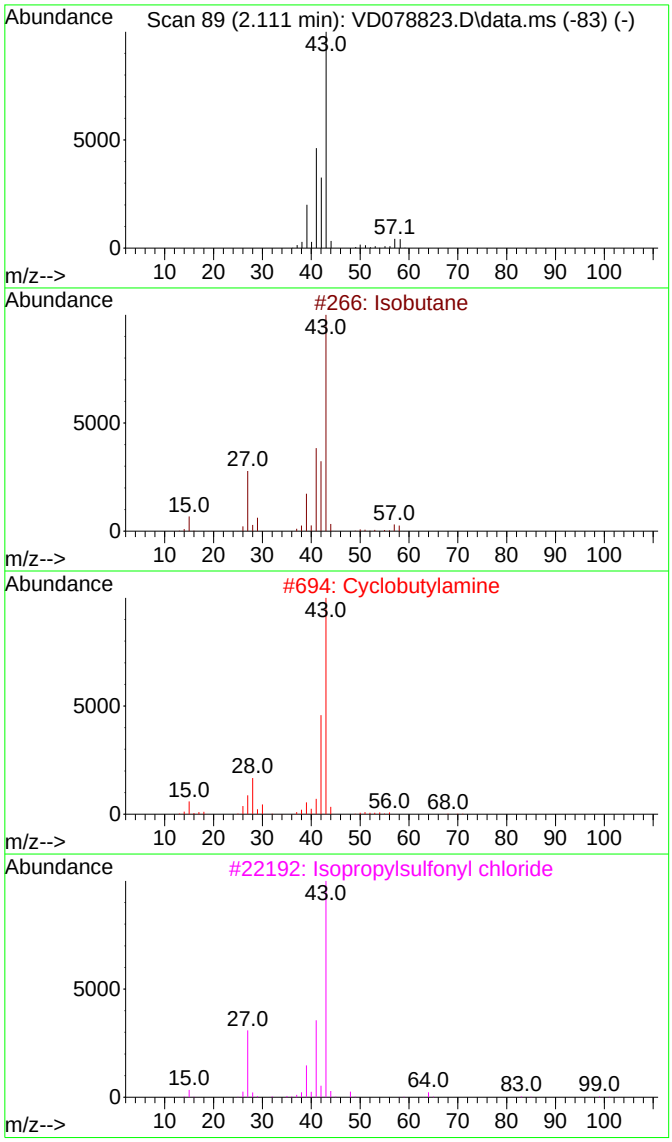
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

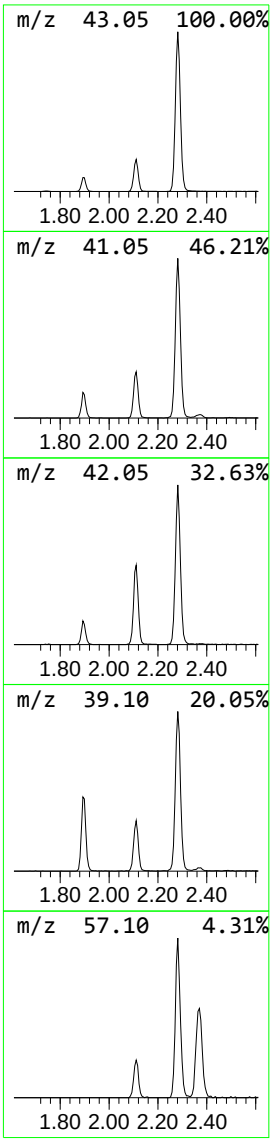
****

Peak Number 3 Isobutane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.111	17.16 ug/l	593522	Pentafluorobenzene	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	80
2	Cyclobutylamine	71	C4H9N	002516-34-9	9
3	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9
4	Hydrogen isocyanate	43	CHNO	000075-13-8	4
5	Propane, 1-chloro-2-methyl-	92	C4H9Cl	000513-36-0	4





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Data File : VD078823.D
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Operator : RP/MD
Sample : P2123-04
Misc : 4.52G/5ml/MSVOA_D/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RPI-SS-DUP-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260

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

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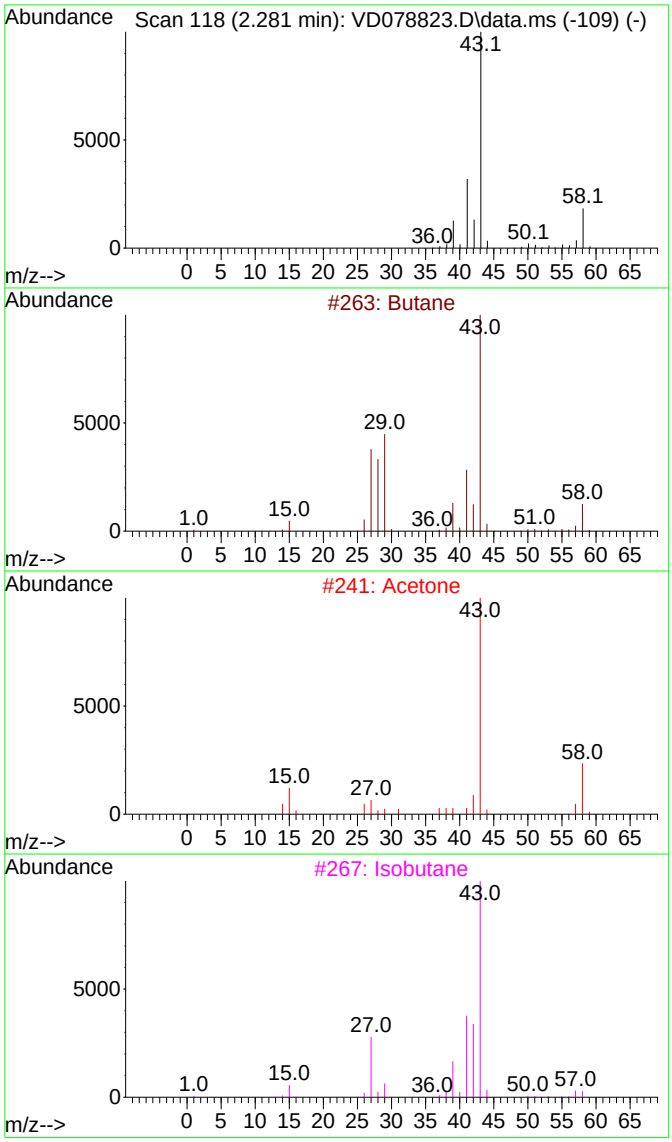
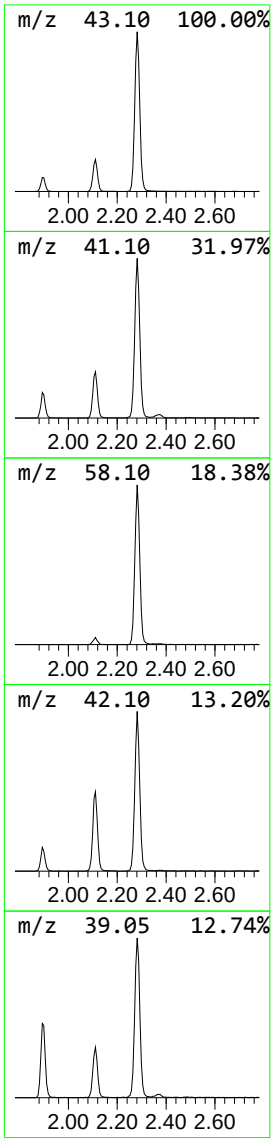
Peak Number 4 Butane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.281	82.15 ug/l	2841090	Pentafluorobenzene	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	72
2	Acetone	58	C3H6O	000067-64-1	50
3	Isobutane	58	C4H10	000075-28-5	9
4	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9
5	Diazene, dimethyl-	58	C2H6N2	000503-28-6	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
Data File : VD078823.D
Acq On : 16 Apr 2024 14:59
Operator : RP/MD
Sample : P2123-04
Misc : 4.52G/5ml/MSVOA_D/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RPI-SS-DUP-01

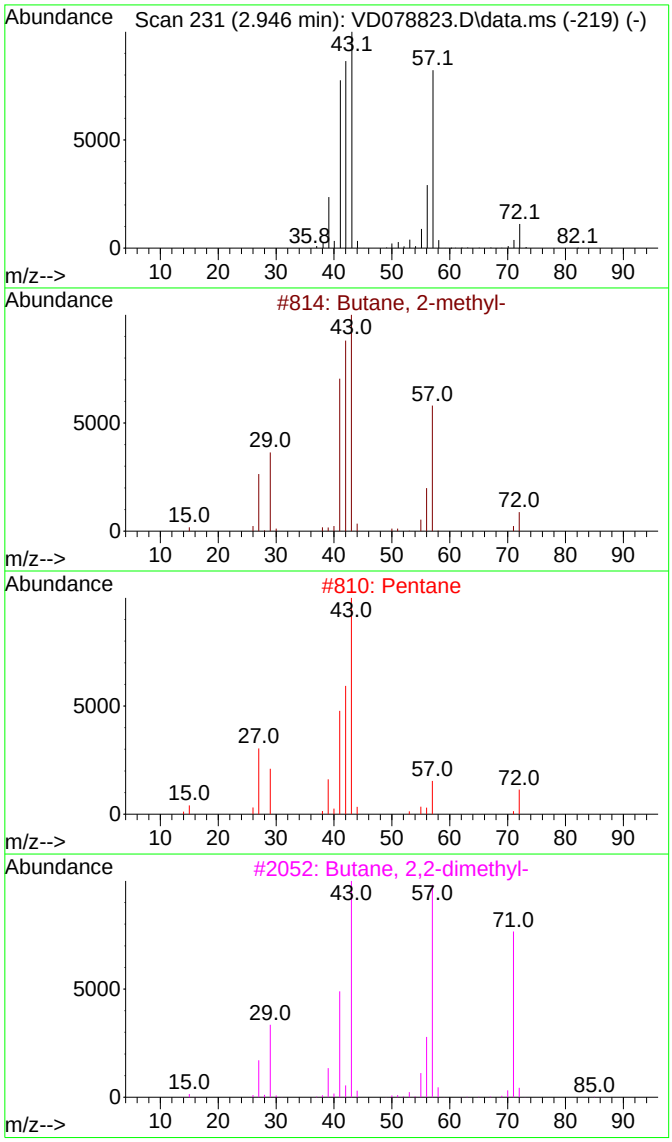
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260

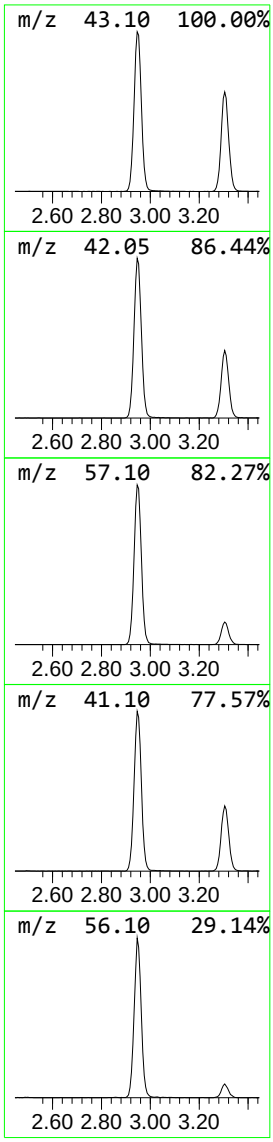
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Butane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.946	176.09 ug/l	6089600	Pentafluorobenzene	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2	Pentane	72	C5H12	000109-66-0	45
3	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	23
4	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	14
5	1-Butanesulfonyl chloride	156	C4H9ClO2S	002386-60-9	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
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Operator : RP/MD
Sample : P2123-04
Misc : 4.52G/5ml/MSVOA_D/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RPI-SS-DUP-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260

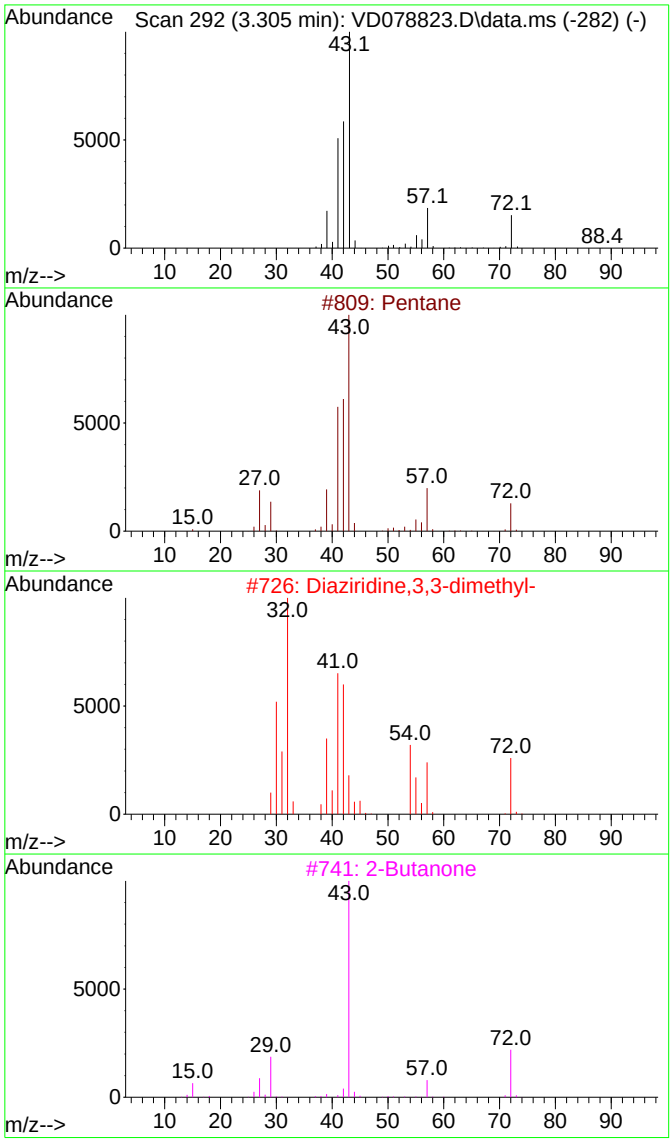
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

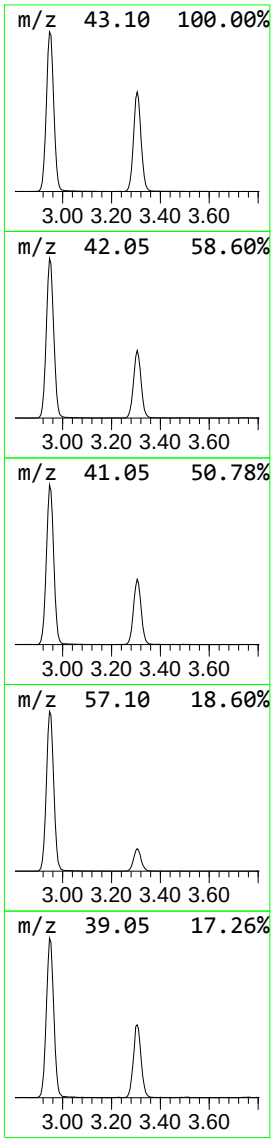
****

Peak Number 6 Pentane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.305	73.88 ug/l	2554840	Pentafluorobenzene	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	43
3	2-Butanone	72	C4H8O	000078-93-3	35
4	Oxirane, ethyl-	72	C4H8O	000106-88-7	9
5	1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	9





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Operator : RP/MD
Sample : P2123-04
Misc : 4.52G/5ml/MSVOA_D/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RPI-SS-DUP-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260

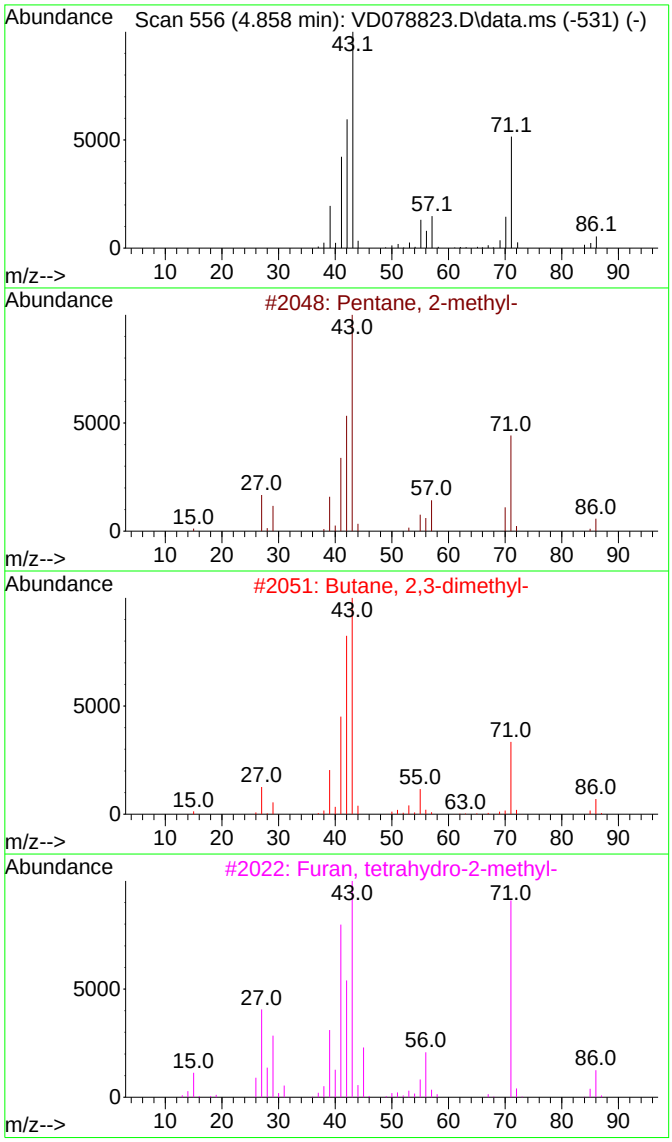
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

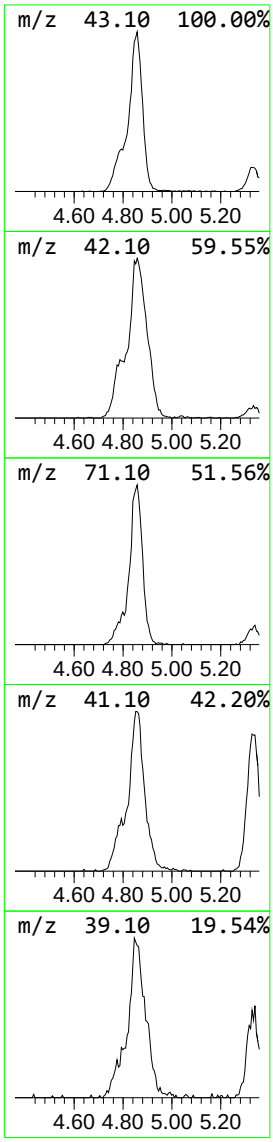
****

Peak Number 7 Pentane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.858	31.62 ug/l	1093380	Pentafluorobenzene	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
3	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	47
4	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	42
5	Pentane	72	C5H12	000109-66-0	38





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Operator : RP/MD
Sample : P2123-04
Misc : 4.52G/5ml/MSVOA_D/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RPI-SS-DUP-01

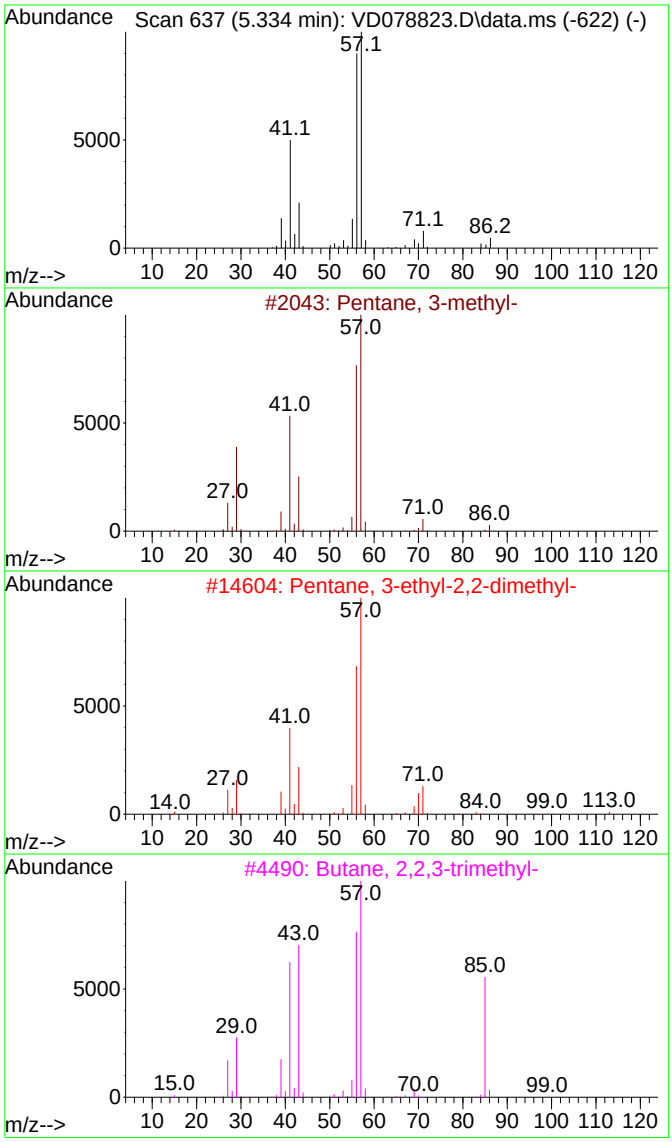
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260

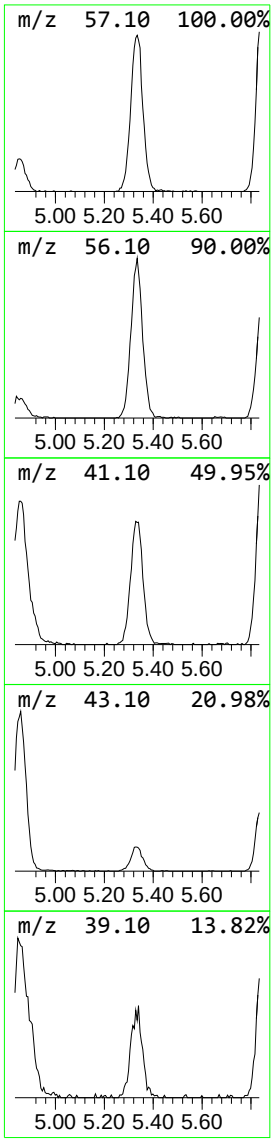
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pentane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.334	15.12 ug/l	522819	Pentafluorobenzene	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
2	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	78
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	56





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RPI-SS-DUP-01

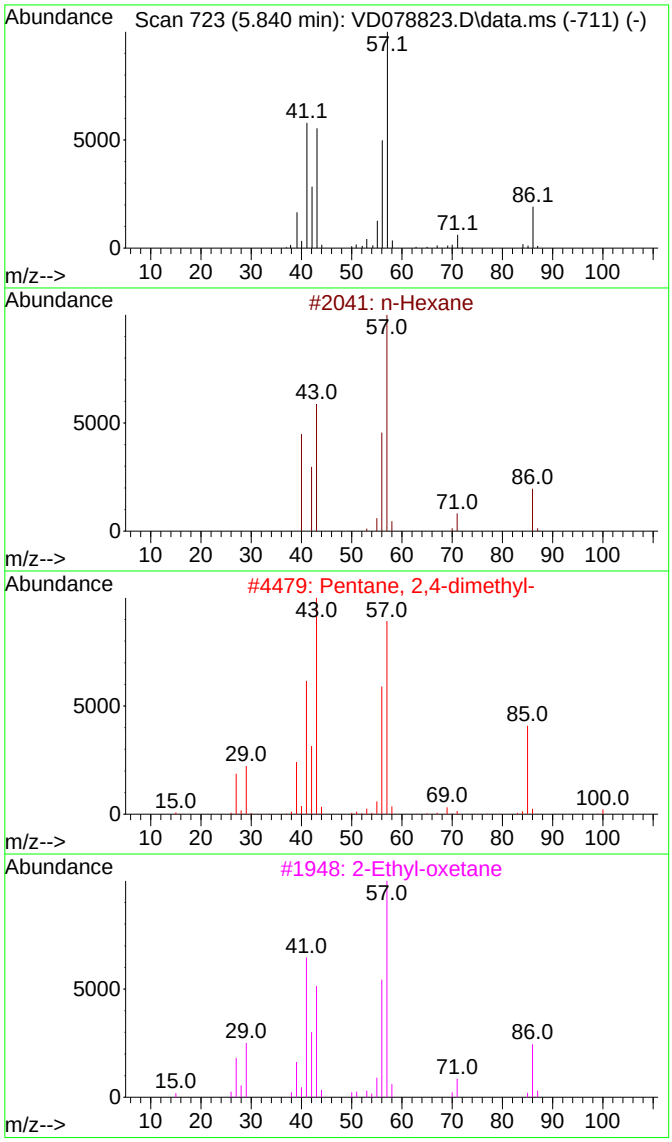
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260

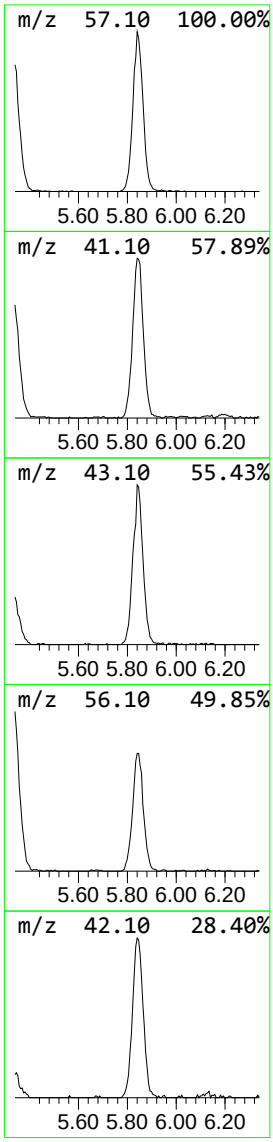
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 n-Hexane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.840	17.58 ug/l	608098	Pentafluorobenzene	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	86
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	39
3	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	38
4	Methane, isocyanato-	57	C2H3NO	000624-83-9	37
5	3-Aminopyrrolidine	86	C4H10N2	079286-79-6	33





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Data File : VD078823.D
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Misc : 4.52G/5ml/MSVOA_D/SOIL/A
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MSVOA_D
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260

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

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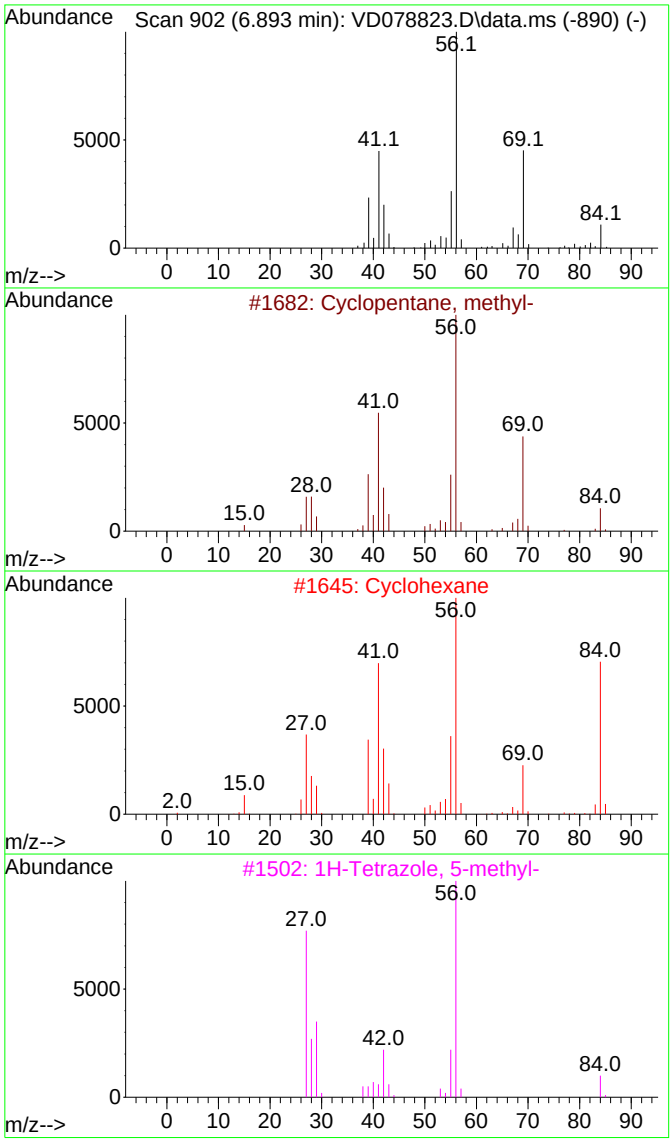
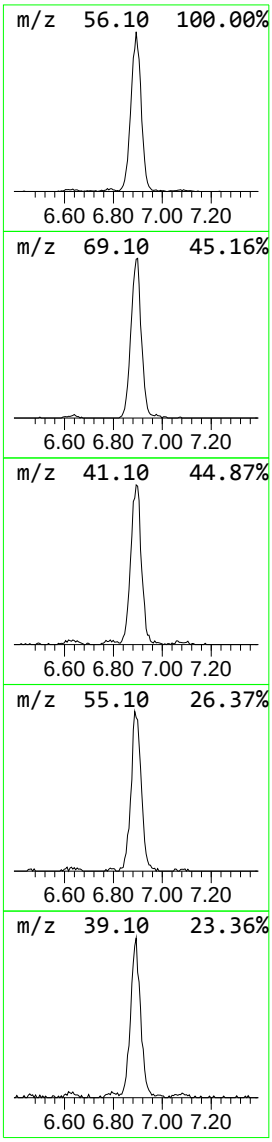
Peak Number 10 Cyclopentane, methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.893	19.40 ug/l	670984	Pentafluorobenzene	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclohexane	84	C6H12	000110-82-7	83
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
Data File : VD078823.D
Acq On : 16 Apr 2024 14:59
Operator : RP/MD
Sample : P2123-04
Misc : 4.52G/5ml/MSVOA_D/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RPI-SS-DUP-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.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
Propane	1.893	13.2	ug/l	456253	1	7.875	1729150	50.0
Isobutane	2.111	17.2	ug/l	593522	1	7.875	1729150	50.0
Butane	2.281	82.2	ug/l	2841090	1	7.875	1729150	50.0
Butane, 2-methyl-	2.946	176.1	ug/l	6089600	1	7.875	1729150	50.0
Pentane	3.305	73.9	ug/l	2554840	1	7.875	1729150	50.0
Pentane, 2-methyl-	4.858	31.6	ug/l	1093380	1	7.875	1729150	50.0
Pentane, 3-methyl-	5.334	15.1	ug/l	522819	1	7.875	1729150	50.0
n-Hexane	5.840	17.6	ug/l	608098	1	7.875	1729150	50.0
Cyclopentane, m...	6.893	19.4	ug/l	670984	1	7.875	1729150	50.0