LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070720\
Data File : VX017213.D
Acq On : 07 Jul 2020 18:54
Operator : JC/SP
Sample : L3234-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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\82X062920W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.288	29	33	38	rBV	54666	52936	2.71%	0.290%
2	1.392	46	50	57	rBV	170773	160051	8.21%	0.878%
3	1.776	108	113	124	rBV	357574	480519	24.64%	2.637%
4	1.990	142	148	155	rBV2	67459	124714	6.39%	0.684%
5	2.099	162	166	171	rVB	14733	21175	1.09%	0.116%
6	2.252	186	191	199	rVB	96961	149346	7.66%	0.820%
7	2.825	277	285	289	rBV2	20616	44023	2.26%	0.242%
8	2.873	289	293	295	rVV	26336	48101	2.47%	0.264%
9	2.916	295	300	311	rVB2	90618	209505	10.74%	1.150%
10	3.148	329	338	347	rBV	27696	63345	3.25%	0.348%
11	3.373	370	375	383	rVB5	9139	21176	1.09%	0.116%
12	3.794	437	444	453	rVB2	28265	68224	3.50%	0.374%
13	3.898	453	461	468	rBV	27348	73092	3.75%	0.401%
14	3.965	468	472	481	rVV2	12020	31879	1.63%	0.175%
15	4.172	497	506	516	rBV2	20047	54525	2.80%	0.299%
16	4.373	528	539	551	rBV2	101188	295254	15.14%	1.620%
17	4.501	551	560	570	rVB3	18210	51033	2.62%	0.280%
18	5.276	677	687	700	rVB	50831	154872	7.94%	0.850%
19	5.471	707	719	727	rBV	169018	494704	25.37%	2.715%
20	5.550	727	732	737	rVV2	39069	102434	5.25%	0.562%
21	5.629	737	745	757	rVB	258398	725372	37.19%	3.981%
22	6.038	801	812	821	rBV	167884	451400	23.15%	2.477%
23	6.117	821	825	835	rVV2	12642	33581	1.72%	0.184%
24	6.275	838	851	867	rVV5	23290	93445	4.79%	0.513%
25	6.830	932	942	955	rBV	415305	1018641	52.23%	5.590%
26	6.915	955	956	966	rVB5	14430	25350	1.30%	0.139%
27	7.232	999	1008	1017	rVB3	19372	45958	2.36%	0.252%
28	7.434	1030	1041	1052	rVB6	13369	41634	2.13%	0.228%
29	8.196	1153	1166	1171	rBV2	26982	59845	3.07%	0.328%
30	8.470	1206	1211	1218	rVB2	13162	22174	1.14%	0.122%
31	8.549	1218	1224	1230	rBV2	30058	51278	2.63%	0.281%
32	8.696	1241	1248	1254	rBV	879578	1363674	69.92%	7.483%
33	8.763	1254	1259	1266	rVB	213927	344526	17.67%	1.891%
34	10.098	1472	1478	1489	rVB	939395	1274054	65.33%	6.992%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070720\
Data File : VX017213.D
Acq On : 07 Jul 2020 18:54
Operator : JC/SP
Sample : L3234-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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\82X062920W.M
Title : SW846 8260

35	10.232	1495	1500	1507	rBV	928209	1241437	63.65%	6.813%
36	10.342	1512	1518	1530	rVB	1493437	1950297	100.00%	10.703%
37	10.683	1568	1574	1584	rBV	617352	781089	40.05%	4.286%
38	11.000	1620	1626	1634	rBV	156077	198860	10.20%	1.091%
39	11.122	1638	1646	1653	rBV	884818	1100133	56.41%	6.037%
40	11.341	1677	1682	1689	rBV	235141	289739	14.86%	1.590%
41	11.421	1689	1695	1696	rVV	153636	190886	9.79%	1.048%
42	11.439	1696	1698	1702	rVV	129005	142816	7.32%	0.784%
43	11.488	1702	1706	1712	rVB	79150	103254	5.29%	0.567%
44	11.652	1727	1733	1742	rBV	245801	300228	15.39%	1.648%
45	11.793	1750	1756	1762	rBV	531400	628228	32.21%	3.447%
46	12.061	1795	1800	1806	rBV	1175280	1418914	72.75%	7.786%
47	12.128	1806	1811	1816	rVB	181602	221708	11.37%	1.217%
48	12.280	1829	1836	1844	rBV	587887	754453	38.68%	4.140%
49	12.354	1844	1848	1859	rVB3	24589	45273	2.32%	0.248%
50	12.567	1879	1883	1886	rBV2	18230	26657	1.37%	0.146%
51	12.652	1892	1897	1900	rBV	60820	72035	3.69%	0.395%
52	12.738	1906	1911	1919	rVB2	66850	93817	4.81%	0.515%
53	12.963	1941	1948	1951	rBV	35757	50991	2.61%	0.280%
54	13.000	1951	1954	1959	rVB	24216	29966	1.54%	0.164%
55	13.207	1983	1988	1997	rVB	30330	41851	2.15%	0.230%
56	13.329	2002	2008	2013	rVV2	74942	106729	5.47%	0.586%
57	13.817	2083	2088	2094	rBV	144003	181613	9.31%	0.997%

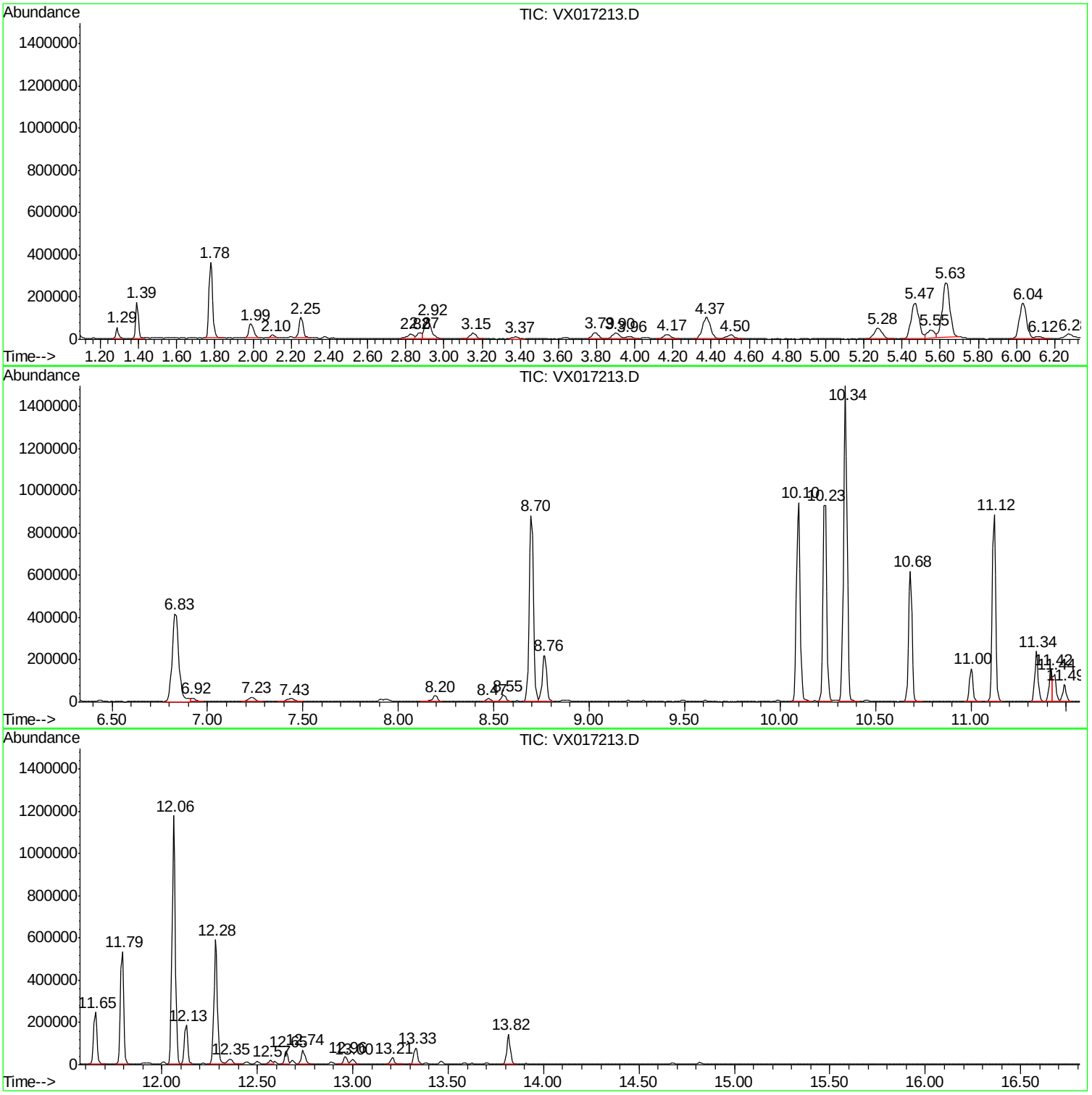
Sum of corrected areas: 18222814

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070720\
Data File : VX017213.D
Acq On : 07 Jul 2020 18:54
Operator : JC/SP
Sample : L3234-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070720\
Data File : VX017213.D
Acq On : 07 Jul 2020 18:54
Operator : JC/SP
Sample : L3234-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260

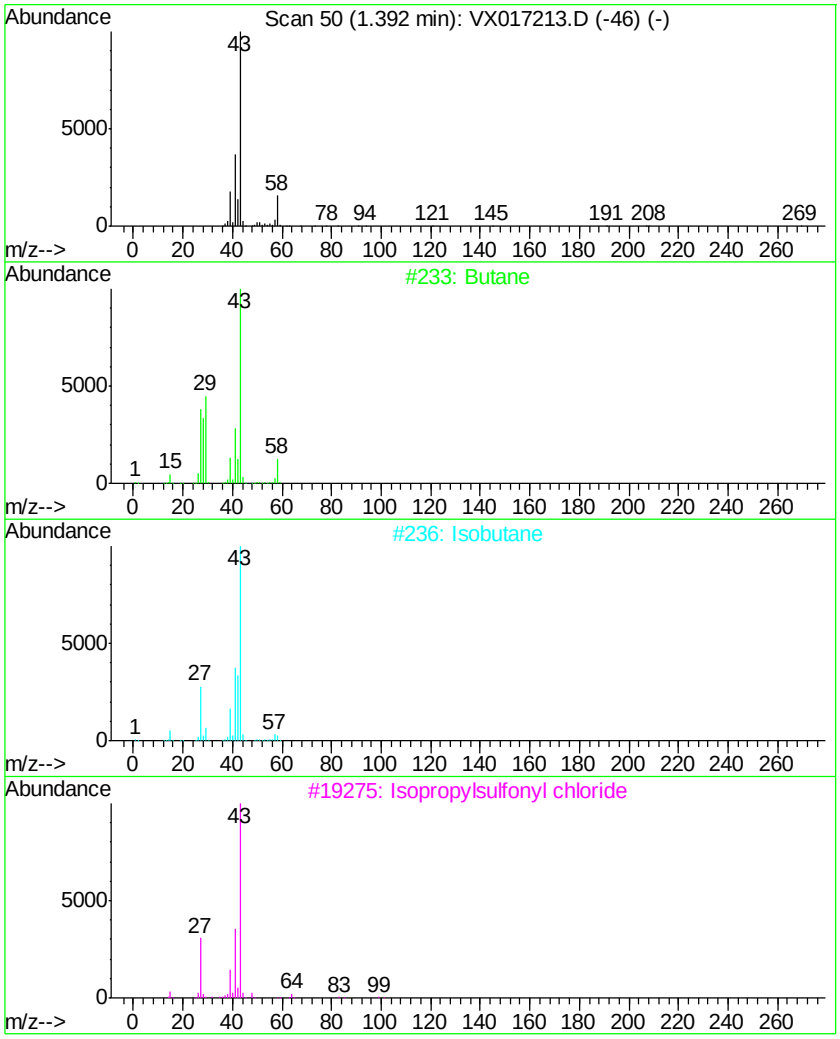
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

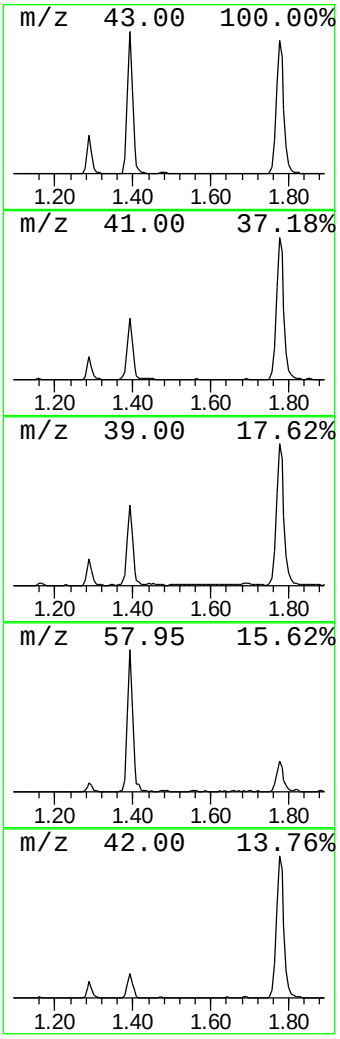
****

Peak Number 1 Butane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.39	11.03 ug/l	160051	Pentafluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	64
2	Isobutane	58	C4H10	000075-28-5	9
3	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9
4	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	9
5	Acetone	58	C3H6O	000067-64-1	7





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070720\
Data File : VX017213.D
Acq On : 07 Jul 2020 18:54
Operator : JC/SP
Sample : L3234-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260

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

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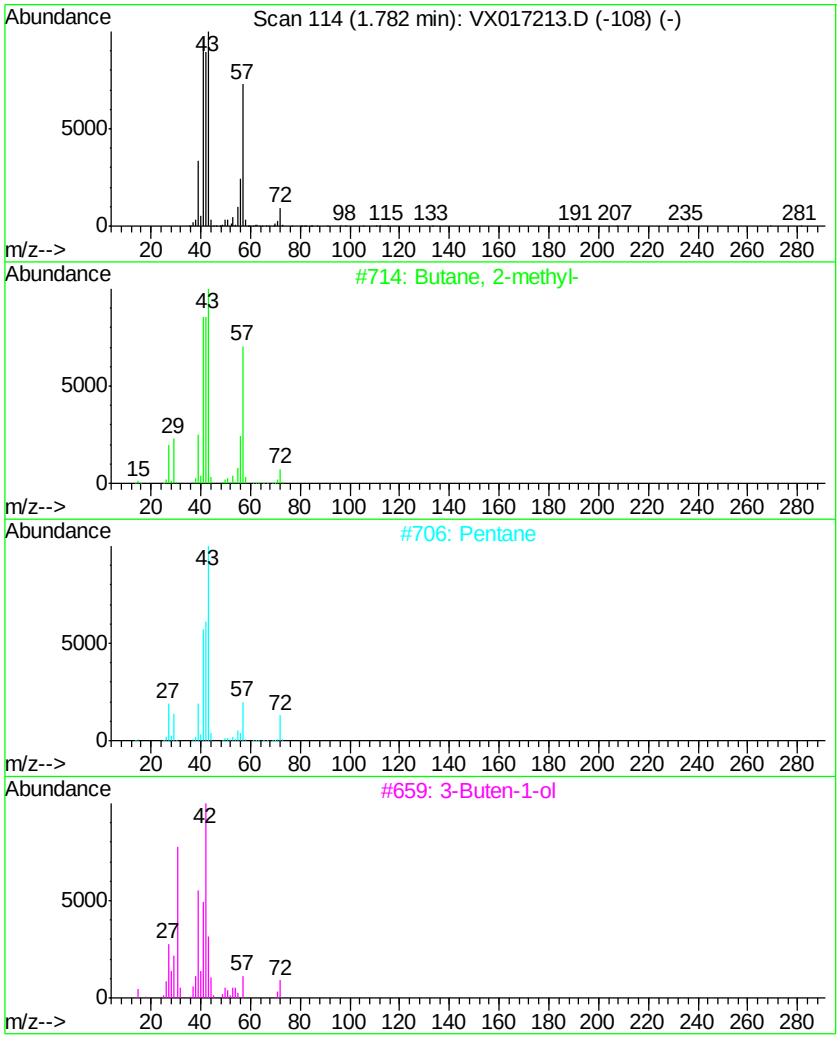
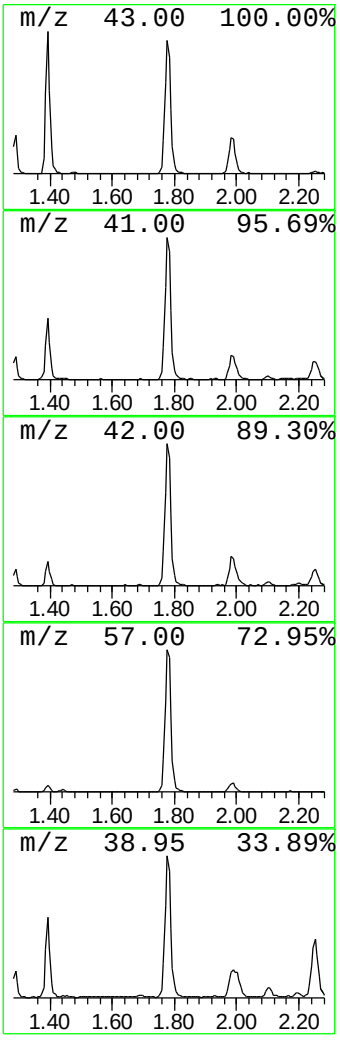
Peak Number 2 Butane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.78	33.12 ug/l	480519	Pentafluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Pentane	72	C5H12	000109-66-0	42
3	3-Buten-1-ol	72	C4H8O	000627-27-0	28
4	1-Butene	56	C4H8	000106-98-9	10
5	Methane, isocyanato-	57	C2H3NO	000624-83-9	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070720\
Data File : VX017213.D
Acq On : 07 Jul 2020 18:54
Operator : JC/SP
Sample : L3234-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260

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

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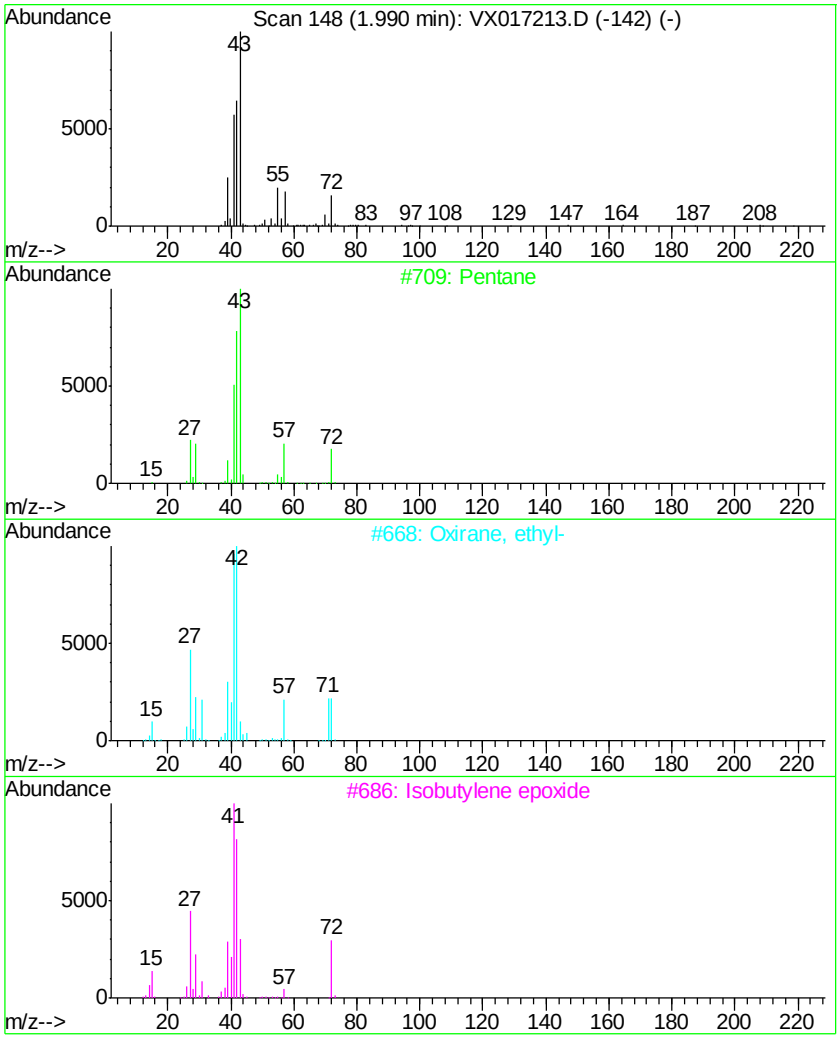
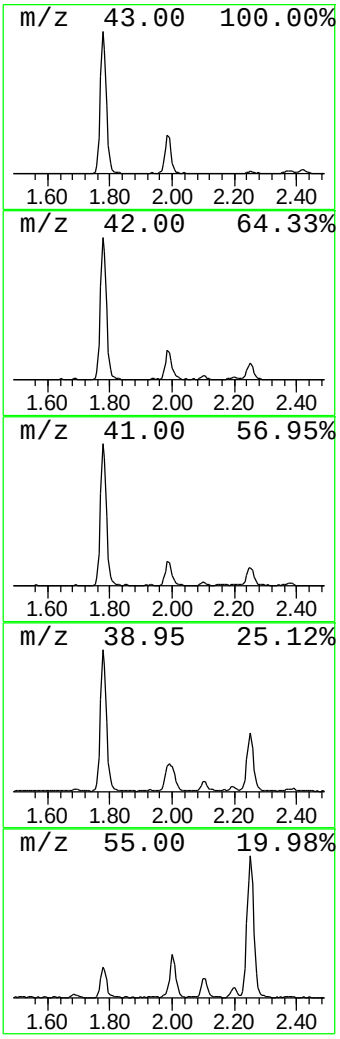
Peak Number 3 Pentane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.99	8.60 ug/l	124714	Pentafluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Oxirane, ethyl-	72	C4H8O	000106-88-7	43
3	Isobutylene epoxide	72	C4H8O	000558-30-5	43
4	3-Methyl-3-isopropyldiaziridine	100	C5H12N2	024476-95-7	40
5	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	37





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070720\
Data File : VX017213.D
Acq On : 07 Jul 2020 18:54
Operator : JC/SP
Sample : L3234-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260

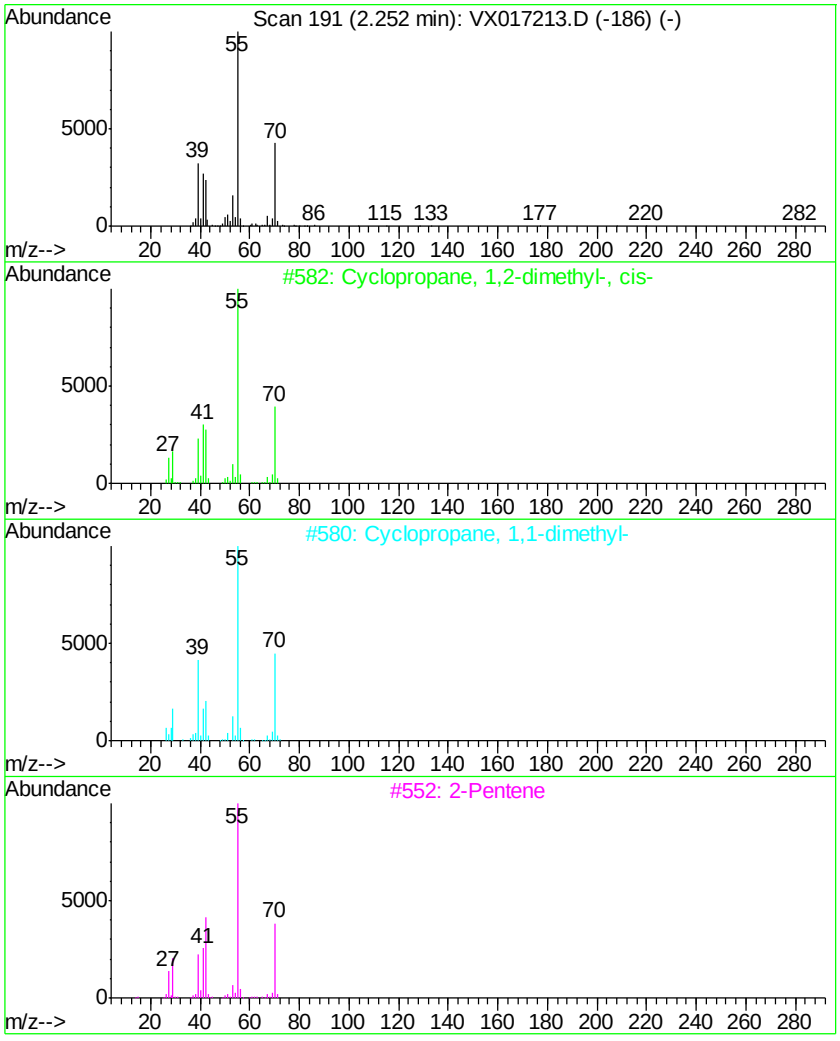
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

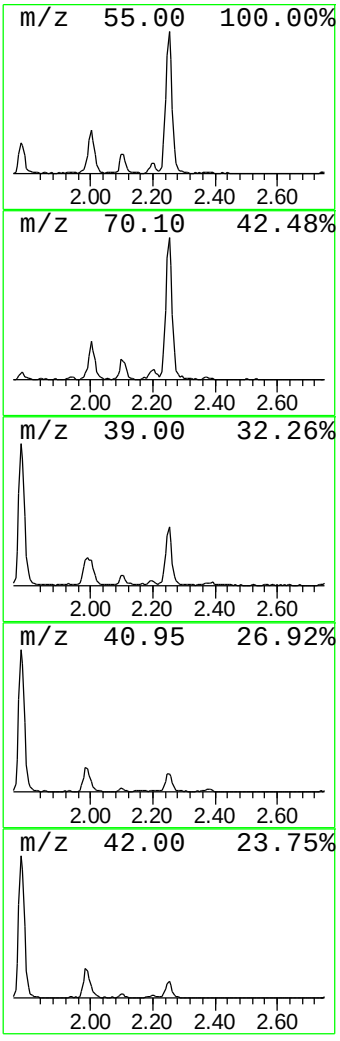
****

Peak Number 4 Cyclopropane, 1,2-dimethyl-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.25	10.29 ug/l	149346	Pentafluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
2	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80
3	2-Pentene	70	C5H10	000109-68-2	80
4	2-Methyl-1-butene	70	C5H10	000563-46-2	80
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070720\
Data File : VX017213.D
Acq On : 07 Jul 2020 18:54
Operator : JC/SP
Sample : L3234-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260

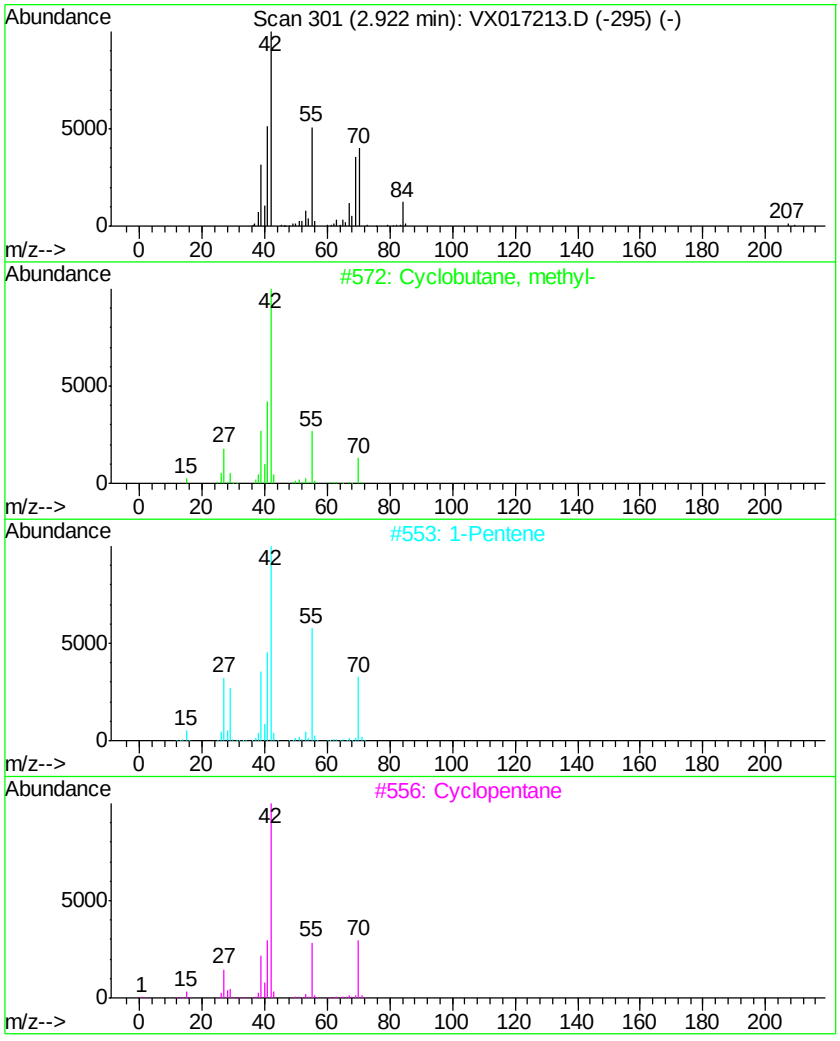
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

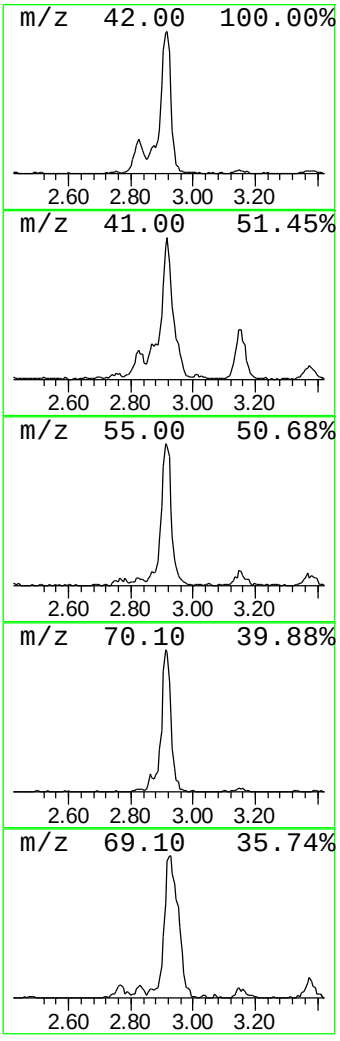
****

Peak Number 5 Cyclobutane, methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	14.44 ug/l	209505	Pentafluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, methyl-	70	C5H10	000598-61-8	64
2	1-Pentene	70	C5H10	000109-67-1	59
3	Cyclopentane	70	C5H10	000287-92-3	45
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	40
5	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070720\
Data File : VX017213.D
Acq On : 07 Jul 2020 18:54
Operator : JC/SP
Sample : L3234-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260

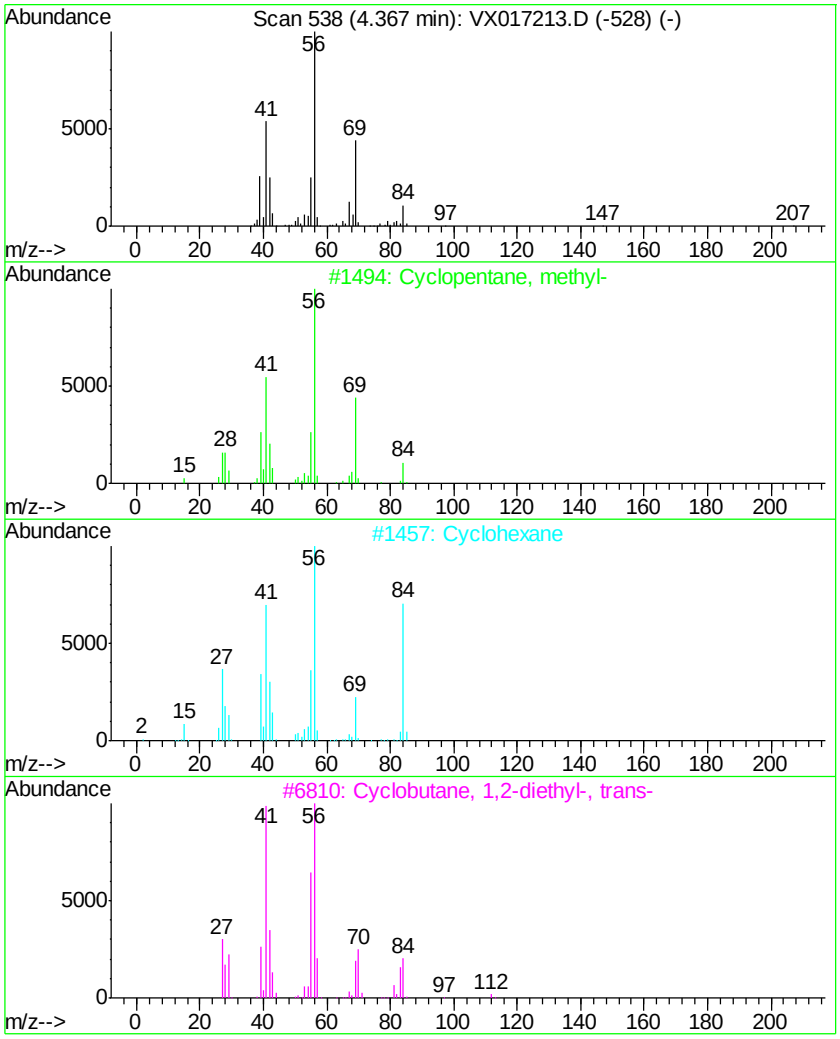
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

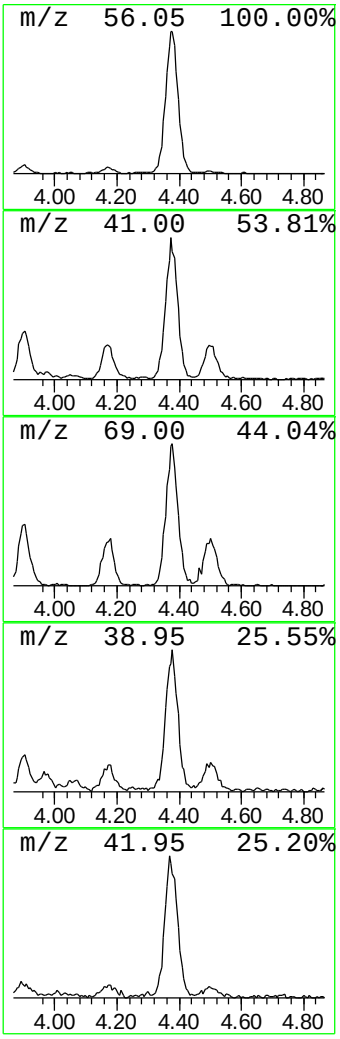
****

Peak Number 6 Cyclopentane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	20.35 ug/l	295254	Pentafluorobenzene	5.64

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	80
3	Cyclobutane, 1,2-diethyl-, trans-	112	C8H16	019341-98-1	64
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070720\
Data File : VX017213.D
Acq On : 07 Jul 2020 18:54
Operator : JC/SP
Sample : L3234-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260

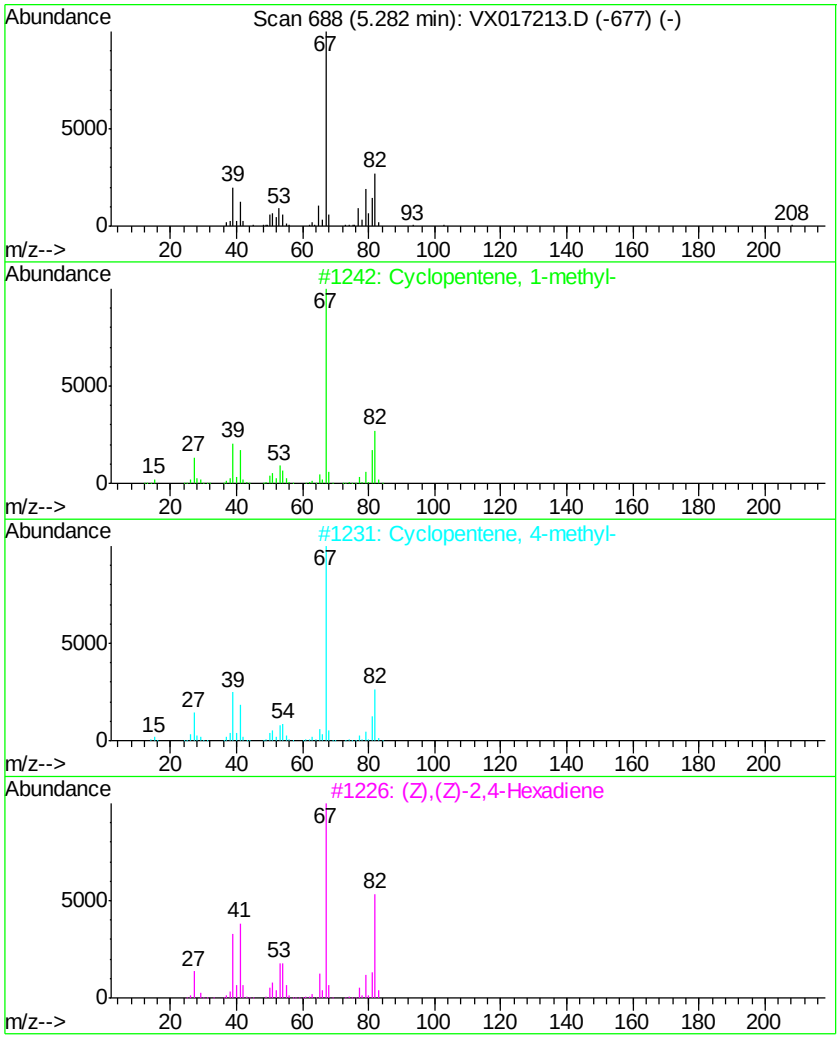
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

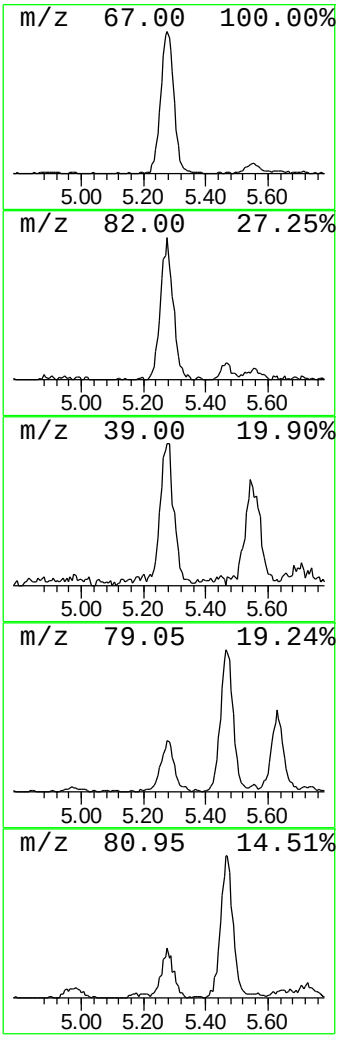
****

Peak Number 7 Cyclopentene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	10.68 ug/l	154872	Pentafluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	87
2	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	83
3	(Z),(Z)-2,4-Hexadiene	82	C6H10	006108-61-8	80
4	Cyclopentane, methylene-	82	C6H10	001528-30-9	80
5	2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070720\
Data File : VX017213.D
Acq On : 07 Jul 2020 18:54
Operator : JC/SP
Sample : L3234-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260

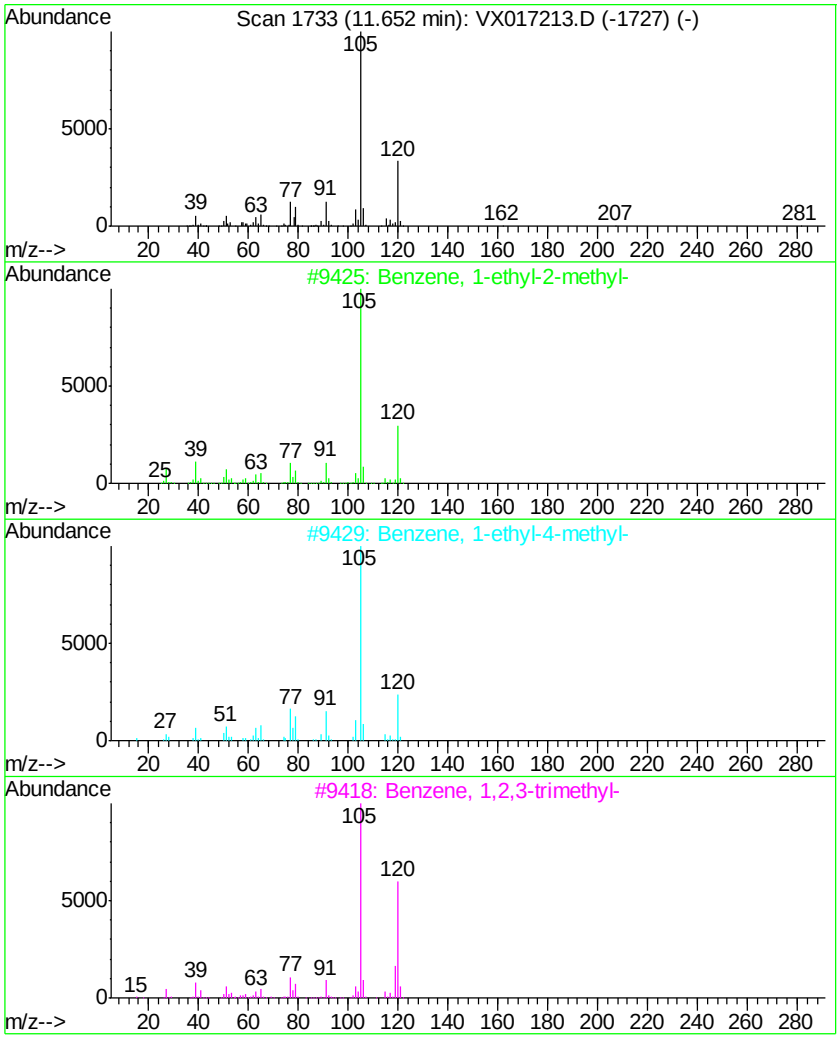
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

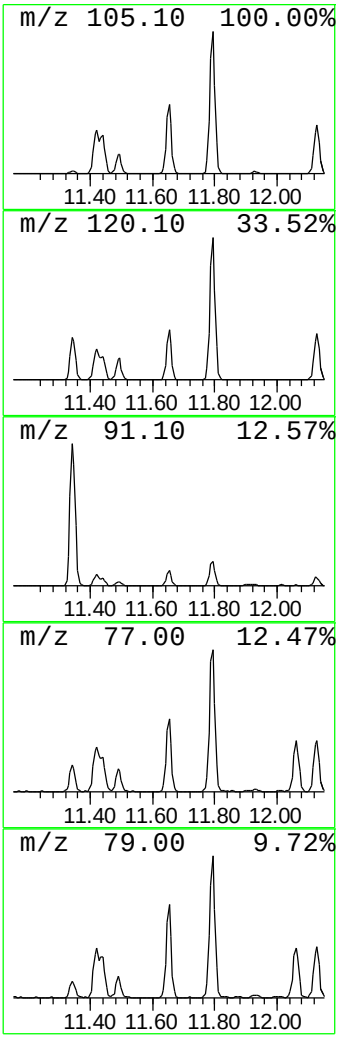
****

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	10.58 ug/l	300228	1,4-Dichlorobenzene-d4	12.06

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070720\
Data File : VX017213.D
Acq On : 07 Jul 2020 18:54
Operator : JC/SP
Sample : L3234-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260

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

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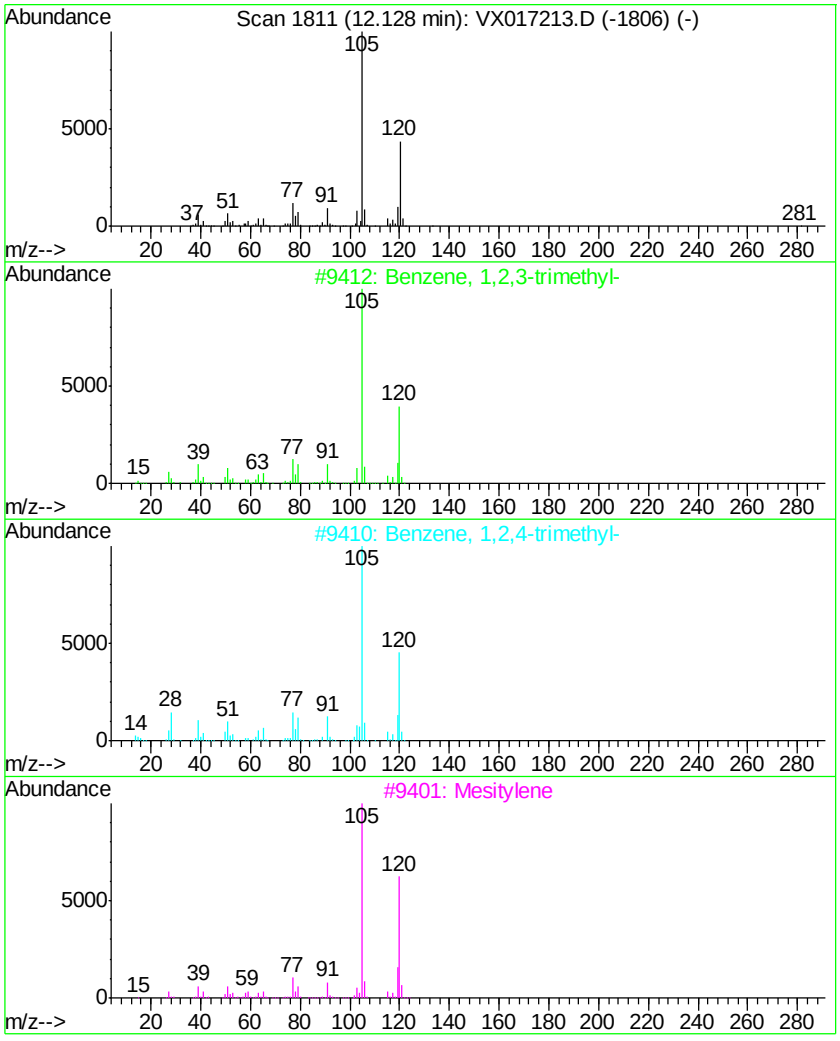
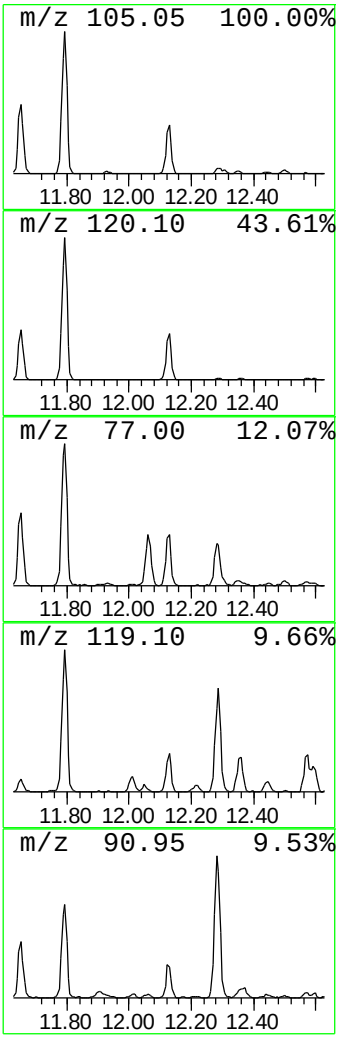
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	7.81 ug/l	221708	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070720\
Data File : VX017213.D
Acq On : 07 Jul 2020 18:54
Operator : JC/SP
Sample : L3234-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260

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

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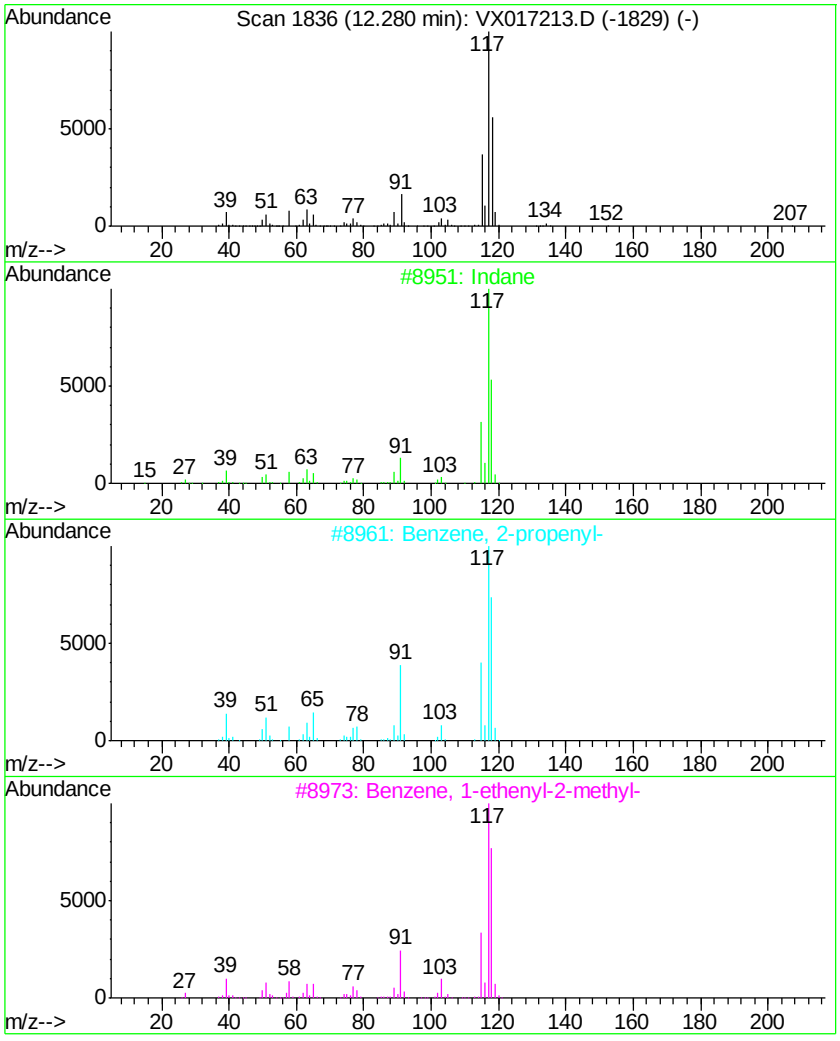
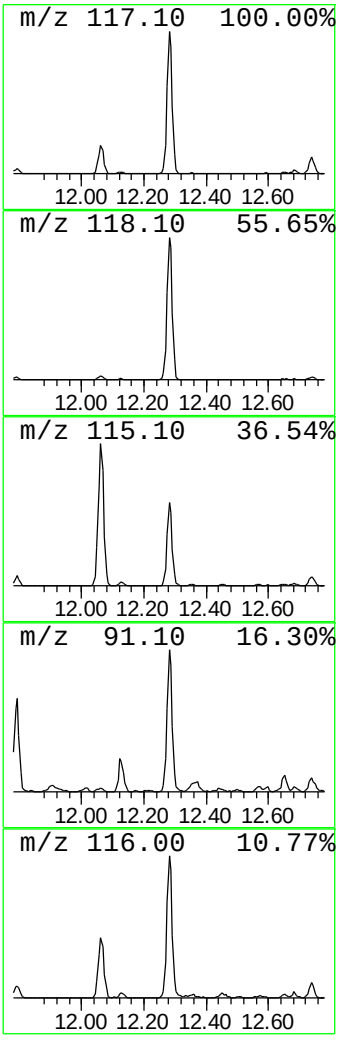
Peak Number 10 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	26.59 ug/l	754453	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070720\
Data File : VX017213.D
Acq On : 07 Jul 2020 18:54
Operator : JC/SP
Sample : L3234-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane	1.39	11.0	ug/l	160051	1	5.64	725372	50.0
Butane, 2-methyl-	1.78	33.1	ug/l	480519	1	5.64	725372	50.0
Pentane	1.99	8.6	ug/l	124714	1	5.64	725372	50.0
Cyclopropane, 1,2...	2.25	10.3	ug/l	149346	1	5.64	725372	50.0
Cyclobutane, methyl-	2.92	14.4	ug/l	209505	1	5.64	725372	50.0
Cyclopentane, met...	4.37	20.4	ug/l	295254	1	5.64	725372	50.0
Cyclopentene, 1-m...	5.28	10.7	ug/l	154872	1	5.64	725372	50.0
Benzene, 1-ethyl-...	11.65	10.6	ug/l	300228	4	12.06	1418910	50.0
Benzene, 1,2,3-tr...	12.13	7.8	ug/l	221708	4	12.06	1418910	50.0
Indane	12.28	26.6	ug/l	754453	4	12.06	1418910	50.0